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BRUNS S E E D A N N U A L

PLANT BRUNS "SURE GROW" SEEDS FOR BETTER GARDENS

1923



Brun's New Stringless Golden Wonder Bean

The best of all yellow-podded bush beans. Very early, almost entirely stringless and wonderfully productive. Grows about twelve to fourteen inches high. Pods five and one-half to six and one-half inches long. Mild, pleasing flavor. Excellent quality. Pkt., 8c; 3 pkts., 20c; $\frac{1}{4}$ lb., 12c; 1 lb., 35c.



Brun's Early Sparkler Radish

The most uniformly growing radish ever offered. Finest quality, nutty flavor. Very close grain, and solid. Always makes good. Pkt., 8c; 3 pkts., 12c; 6 pkts., 20c; oz., 15c; $\frac{1}{4}$ lb., 35c; 1 lb., \$1.20.



Washington Beauty Tomato

Best large-fruited, smooth, main crop tomato. The fruits are of large size, very solid and smooth, free from core and of finest flavor. Pkt. (100 to 125 seeds) 10c; 3 pkts., 25c; 6 pkts., 40c.

BRUNS SEED COMPANY WASHINGTON, IOWA.

BRUNS FIVE WONDERS OF THE WORLD

FREE With Every \$1.00 Purchase of Garden and Flower Seeds FREE



Flanders "Pride of the Nations" Poppies

This is the beautiful scarlet Poppy from the fields of Flanders. Familiar to all the members of the A. E. F. Official flower of the American Legion. The magnificent, large, single flowers are of deep crimson and for massing in solid beds there is hardly a flower more strikingly stately, yet dazzlingly display of gorgeous bloom. Put up in trial packets only of over 500 seeds to the packet.

[Read Our Free Offer](#)

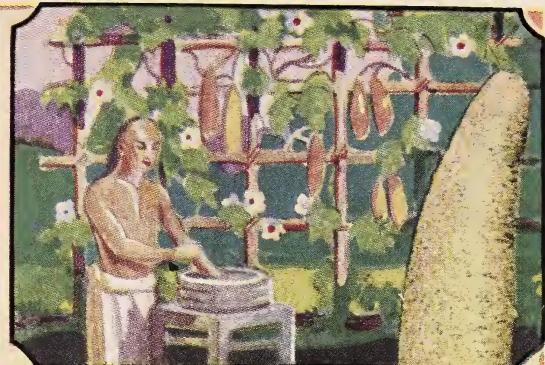


American Dwarf Giant Tomato

The Largest Fruited of All Dwarf Tomatoes!

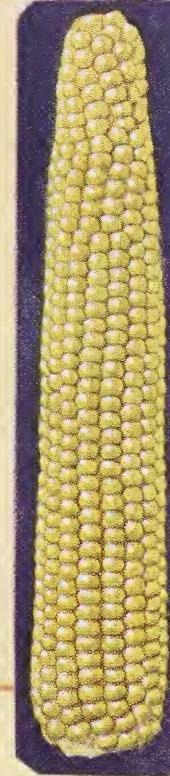
Rich purple crimson color. It is the most meaty of all tomatoes with the flesh firm and solid and almost seedless. Unequalled for its sweet and delicious flavor. The plants are of the true dwarf type, very strong and vigorous and of uniformly compact, bush-like growth. We want our customers to try this great tomato this year. Put up in packets for trial of about 100 seeds per packet.

[Read Our Free Offer](#)



Chinese Ornamental Sponge

A great novelty as well as a useful and ornamental vine, useful for porches or trellises. Produces a great quantity of large fruits of an attractive shape and color, with a sponge-like substance inside the shell, which after the fruits are matured may be taken out and used for dish cloths, sponges and various kinds of fancy work. We do not have any seed for sale, just for trial this year. Put up in packets of about sixteen seeds with full instructions for growing. [Read Our Free Offer](#).



New Jerusalem Popcorn

This is the largest popping popcorn we have ever known. The ears are of large size with rounded, smooth kernels of beautiful pearl-white color, which pops nearly twice the size of any other popcorn, and is very tender and of delicious flavor. We planted all the seed we grew in our trial grounds last year and now have a large supply which we are putting up in trial packets of about forty seeds to the packet. [Read Our Free Offer](#).



Giant African Golden Daisy

This beautiful, new and extremely showy annual was discovered in the heart of Africa. The plants are of neat branching habit, growing about twelve to fifteen inches high. The beautiful, rich orange-gold blossoms are very showy and often measure two and one-half inches across. We want all of our customers to grow a bed of these rare and immensely beautiful flowers, for know we will enjoy them very much. We have a choice of seed, put up about 100 to 125 seeds to the packet for trial. [Read our Free Offer](#).

Things In Our Catalog Which You Should Be Sure To Read

Prizes for Growing Pumpkins
Page 15.

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Page 7

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Page 5

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Pages 34, 35

Pompeii—Flowers for
Millions and for
Millionaires

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Bruns Great Trial Offer

FIVE NOVELTIES FREE!

It is indeed a great pleasure to receive the many new orders from our trialists and amateur gardeners each year. Just to show our appreciation of your orders we want to give our customers this year with the above **Five Novelties** which, we are sure, you will not only enjoy growing, but will find a great value.

With every \$1.00 purchase of garden and flower seeds selected from this catalog up to March 10, 1923, we will give free the following five novelties, as shown on this page. Later orders will get these if we have any left at that time. **One packet each:**

American Giant Tomato **Chinese Ornamental Sponge**

New Jerusalem Popcorn **Giant African Daisy**

Flanders "Pride of the Nations" Poppies.

We are not offering the above varieties for sale this year. All the seed we have grown of these will be sent free to our customers for trial. One packet of each, free with every \$1.00 purchase of vegetable and flower seed.

If you will look this catalog over carefully you will find many new sorts along with the leading and standard varieties of vegetable and flower seeds which you will want to have. Make your 1923 garden the neatest and most complete you have ever had.

Remember these **Five Great Novelties** are not for sale but are given free with every \$1.00 purchase as above stated.

Bruns Seed Company, Washington, Iowa

When You Send Your Orders Here You May Want to Know Who it is You are Trading With

For years I have had my eyes on a man who is recognized by the seed trade of the United States as a big man; big first because he stands six feet four inches in his sox and weighs two hundred and twenty pounds "when in fighting trim," big also on account of his whole hearted disposition, his wholesome smile, his thorough grasp of the situation, his wide and favorable acquaintance; his strong determination to push forward and his all round ability to accomplish things. You may know him already. The seed business is not new to him; he has been called the "Trouble Man" because of his ability to handle complaints. He has been actively interested in every phase of municipal betterment: he has almost a nation-wide reputation as a good, clean, upright man of power and a man who has time to devote to the little things of life that are overlooked by most men.

He is our new man, the Secretary and Treasurer of our Company since August 1st and Manager of the Mail Order Department, and he is at your service now. His long experience in the Mail Order business makes it easy for him to do more for our customers than we could do otherwise. Allow me to introduce Mr. A. M. Eldridge.

In coming here he came back home where lots of folks call him "Al"; came back to the same place where he began in the Mail Order business so many years ago when the place which is now the Bruns Seed Company smelled of fresh cement. He worked here for three years, going away to become one of the big men in one of the country's best seed houses, where for twelve years he stuck manfully, resigning the office of Vice-President of that company after helping in its growth from a small concern to one doing one and one-half million dollars worth of business in a year. He says he is willing to admit that he has had some good training. Anyway we are all glad that we can have Eldridge with us and we will depend on him to look after your interests. His shoulders are broad, he is on the square, he has always fought for the welfare of the customer. He was born and reared on a farm, he always has a garden of his own and his hobby is Gladioli, Peonies, Iris and Berries (Pie and Ground Cherries too). But I want him to speak for himself now that I have introduced him.

Yours truly,

A. R. BRUNS, President



A. M. ELDRIDGE, Secretary and Treasurer.

Ladies and Gentlemen:

Boys and Girls:

And Any Others Who May Be Looking In:

Someone asked, "Who is this Eldridge fellow I hear about and where does he come from, and what about him?" All right, I can tell you. On my father's side of the house I'm mostly English, Irish, Scotch, French and a lot of other things, but that's the principal ingredients. On my mother's side, I'm just plain Scotch and proud of it, although I don't go round with my knees bare. I was born at Washington, Iowa, on April 18, 1866 and was by birth a Scotch United Presbyterian, a Republican and a firm believer in good roads. But when I grew up I shattered tradition by marrying into a Democrat family and by joining the Baptist church, I have stuck to both. I still like good roads, dirt roads, well made and I like to turn my Elizabeth loose and make—Well, my old auntie says, "Al goes like he was going for the doctor." Only we phone for the doctor now. Nobody goes for the doctor now-a-days.

Folks have always been good to me; they've treated me better than I deserve and I'm going to pay them back if I can in the same way. I'll do anything for our customers that I can but I will not run our place on Sunday, except if you find at the last minute that you've got to have seed quick in planting time and will send a special delivery letter or you can phone or wire me, I'll fill that order on Sunday, the other mail will stay at the Post Office till Monday morning.

I will not employ a low, vulgar or profane person if I know it, nor a cigaret fiend. Folks who work here must be pleasant, helpful, energetic and honest. No grouch can stay. The business will be run for profit and honest service.

Some seed houses feature startling, new novelties of almost "unbelievable" merit. Sort of get-'em-excited, brass band idea and when you buy you so often

find the same old variety with a new dress or name. Now, I'm not saying that they are all fakes for they are not, but I do believe (and I have had some experience) that the good, old vegetables that go by their first names are the kind that will please you most if you want vegetables for table use or for market. And so you won't find a long list of "hi-fa-la-tin" names for ordinary things. But here's what you will find—a lot of the good, time-tried, honest-to-goodness varieties of vegetables and flowers, many of them the kind that Mother used to have in her garden and you will remember that with the children, the hired man, the chickens, the fruit and all, she only had time for the things that would actually make good. And there was no place or time for novelties of question, cigarettes or flappers. No Sir!

Now then, if it's the old-fashioned service you want, I can show you.

A word to the fellow who needs clover, alfalfa, timothy, corn, oats, wheat, potatoes and farm seeds of all kinds. See pages 22 to 28. They are filled with quality stuff. You can't go wrong on any of them. Samples free. And the price right, altho subject to change. This book is different and you'll say so when you read it. It's for YOU. I've had a lot of garden experience and I have grown almost every farm crop that can be grown in this locality. I know a little about fruit, berries, hardy perennials and some general knowledge of nursery stock. If you want my help you can have it for the asking. If there is anything exceptional or extraordinary in your neighborhood, I'd like to have you write me about it. Maybe you could send me a picture some time and tell me about a big pumpkin, potato, ear of corn, crop of alfalfa, the biggest onion or the youngest baby. I'm interested in the same things you are interested in. Let's get better acquainted. Call and see us when you can.

Yours truly,

A. M. ELDRIDGE,
Secretary and Treasurer.

General Information-Terms of Sale

How to Send Money. Your check is good here if you have the money in the bank to take care of it. Bank drafts, postoffice money orders, express money orders and registered letters are all safe and if lost, the amount can be recovered. We get lots of stamps, coins and currency by open mail and it nearly always gets through, but when it fails to do so, we cannot be responsible. Our quotations are all made on the basis of cash with order. We open no accounts.

C. O. D. Shipments are always a nuisance. They cost the purchaser a little more and while we do not absolutely refuse to ship C. O. D., except perishable stuff, we would much rather not do so.

Your Name and Address should be very plainly written. Some folks think because the bank that pays their checks can tell whose it is, that we should be able to know. We are mind readers all right, but we sometimes miss it. Be careful please, it is one way you can help us give you service.

Postage Paid By Us On Some Items. All the way through the catalog you will find almost every item of vegetable and flower seeds quoted postpaid, while some of the heavier items in larger quantities of the garden stuff are not quoted postpaid, be careful and read these prices please.

Watch For Change of Prices. It is impossible for us to tell at the time this catalog is printed just what market values will be on some farm seeds. This is particularly true in regard to Timothy, Clover, Alsike, Alfalfa, and applies to the whole list of farm seeds. The prices quoted will be subject to change, either up or down, if sharp market changes make this necessary.

Regarding Bags. We make no extra charge for the bag in which we ship, but in most cases the bag is weighed in with the seed.

About Our Guarantee. The Bruns Seed Company gives no warranty, express or implied, as to purity, productiveness or any other matter of any seeds, bulbs or plants they send out and we will not be in any way responsible for the crop. Our seeds are sold subject to your test and approval and you may have ten days after the arrival of the seeds in which to test and examine them. If they are not entirely satisfactory, you must notify us at once and we will give you disposition of the goods. Under no circumstances will we refund more than the purchase price and the full amount of seeds must be returned to us in good condition.

Parcel Post Information. Seeds will frequently go cheaper by parcel post than by express. Seventy pounds can be sent to the first, second and third zones from here and fifty pounds anywhere in the United States. Express is usually cheaper and better, however, for long distance shipping; parcel post for short hauls.

Order Early. Early orders can usually be filled more promptly and more carefully. We guarantee every order to be filled to the entire satisfaction of the purchaser, but it is a lot better for us and for you to have this order in early so we can have it on its way to you and you can have it before the spring rush begins, in which case you will be sure to have it. We guarantee safe arrival of every item, but, of course, we expect you to notify us and co-operate with us in every way if there should be delay or loss.

Special Offer Grandmother's Collection of Old-Fashioned Flowers For

50c

Here is a collection of real merit: all old-fashioned, beautiful flowers, same as grandmother used to have. The seed is all good and fresh, easy to grow: anyone can succeed with this collection. Twelve packets in all, as follows:

- One packet of Gorgeous Poppies
- One packet of Best Mixed Asters
- One packet of Bachelor Buttons
- One packet of Cockscomb
- One packet of Salvia
- One packet of Snapdragon
- One packet of Zinnias
- One packet of Portulaca—Moss Rose
- One packet of Marigold
- One packet of Hollyhocks
- One packet of Lathyrus (Fall Roses)
- One packet of Hardy Pinks

All well filled packets, twelve in all, the Collection, 50c. We cannot change the collection in any way.

What To Do With Shipments of Any Kind That Arrive in Bad Order. Shipping is very much improved, not much doubt but what you will get freight and express shipments and goods by parcel post within a very reasonable length of time. If there is any loss or damage in transit, just remember that "we guarantee safe arrival" and will promptly make good any loss if you will furnish us with the evidence on which we can base a claim for loss or damage with the transportation company.

After years of experience here is what I suggest. Go to the office and accept the goods, pay the charges but be sure and have the agent give you a written statement that these goods were received in bad order and if it is something that is clearly evident, such as short weight, have him state in writing just how many pounds it weighs. Give any other information so that we may know just what happened, do this quickly, but don't refuse to accept a shipment because it is broken, damaged or short weight, or doesn't appear to be what you think it should. Accept it, get the bad order notation from your agent, write us immediately, in which case we will forward to you, usually by prepaid express, whatever it takes to make it right with you and then fuss us with the transportation company when we get time.

What I want to do is to relieve you of the unpleasant necessity of handling claims with transportation companies. If there is anything wrong I want to fix it with you quickly, I can fuss with the transportation company any time and I know how to do it.

Here is another thing you should look out for, in case your shipment is delayed until you get tired and we refill the order, sometimes both shipments reach you about the same time, if the first shipment has been out more than three or four weeks we can have it returned free of charge if you accept the refill order.

Baby Chicks

You always get along all right with Baby Chicks after they are hatched, trouble is the hens don't set good and the little fellows, if they hatch, have the same vermin as the hens and do not last long. We have made arrangements with a hatchery to furnish us with Baby Chicks for our customers at 25c each, 50 for \$1.00; 100 for \$20.00, postpaid. We can supply most of the varieties in common use. Send your order along, we guarantee safe arrival of 95 per cent live chicks. First come, first served: there's always a rush for chicks when spring comes.

No shipments of Baby Chicks will be made until the weather is warm enough so that they will not suffer from cold, enroute.

PLACE YOUR ORDER EARLY

Another thing there is always a Grand Rush for Chicks when spring comes. Last year we could not begin to fill the orders and had to send money back, while if folks would order early we could hatch more. We are prepared to do so this year, so send in your order a month ahead if you can and say what day you want the chicks and you will be very likely to get them exactly at that time. If you wait and think we have them hatched at any time we may have to disappoint you for a while.

White Leghorns	Buff Plymouth Rock
Brown Leghorns	Ancora
Buff Leghorns	White Wyandotte
Barred Plymouth Rock	Buff Orpington
White Plymouth Rock	Rhode Island Reds

All the same price.

HEN JEWELRY

No self-respecting chicken should go out in "Sas-siety" without some kind of jewelry. We have both the Celluloid and Aluminum Leg Bands.

Price, Celluloid, 25c per doz., 50 for 65c; 100 for \$1.00. Price, Aluminum with numbers from one to one hundred or less, postpaid, doz., 25c; 50 for 65c; 100 for \$1.00.

If You Are a Market Gardener, Write For Prices on Big Orders.

All seed we handle are the highest quality obtainable, of high germination and purity. All new crop seed that will give you the greatest of satisfaction and make your gardening more profitable. You will find our prices to be very reasonable and much lower than are being quoted elsewhere, considering the fine quality of our seeds.

Asparagus

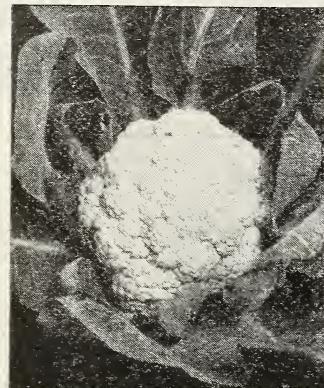
Everybody's catalog is alike on the subject of Asparagus. The kind that most folks want when they ask for Asparagus is **BONVALETT'S GIANT**, because it does all it's going to do quickly. It's big, it's brittle and tender. But Pshaw! They're all good. Nearly everyone, big and little, likes creamed asparagus and it's a good spring tonic. When seed is planted it will take about three years before the plants will produce well. You can gain a year or more by using plants which will cost you 50c per doz.; 100 for \$3.00, postpaid.

Plant on very rich soil. Cultivate frequently. Keep free from weeds. When the young sprouts are up three to six inches high they are ready to use and will break off easily just beneath the surface or they may be cut. Asparagus may be mulched if you desire, so that the shoots will be bleached. If you want the **COLUMBIAN MAMMOTH WHITE**, **CONOVER'S COLOSSAL** or **PALMETTO**, ask for them. We've got them all at the same price. Pkt., 5c; oz., 20c; 1/4 lb., 45c, postpaid anywhere in the United States.

You plant seed to grow. Ours grow.



Bonvalett's Giant Asparagus.



Snowball Cauliflower.

Cauliflower

So many people complain that their Cauliflower does not do much good, and it's easy to grow if you'll do it right. The home of Cauliflower is in a cool, wet climate and so if you are trying to grow it in July and August as you do beets and cabbage you will not succeed. Grow it early or very late. If you have had bad luck before, sow the seed in boxes in the house, then transplant same as cabbage; keep it wet. If you've got to have it in midsummer, dig a little trench beside the row and keep it full of water most of the time. It's sure good to eat if properly grown.

I suppose the **SNOWBALL** is the best of all, although many of the market gardeners will not agree with me as they think the **ERFURT** is the only kind. The heads of the **Erfurt** are medium size, very uniform and tender, while the **Snowball** is mostly large with a lot of smaller heads that act as though they had overslept and were trying to make up for lost time. They're always

good and tender though. The **DRYWEATHER** is just what its name implies, it will cool along all summer doing nothing and then when the cool nights and fall rains begin it will get up and produce some mighty good cauliflower. It's all right either early or late, if the weather is not quite right, it will wait a while. Price, pkt., 15c; 3 pkts., 40c; oz., \$2.00, postpaid.

Carrots

Carrots are said to be a good brain food. Not many people eat them in large quantities though. Carrots are easy to grow. Plant them same as you do onion seed in good, rich ground, cultivate well and keep free from weeds. They may be used as soon as they are big enough. Our folks always plant them thick enough so the biggest ones can be pulled when they are the size of your finger. They are good boiled, baked, and no 't's show is complete without carrots.

GOLDEN BEAUTY CARROT is our specialty and the finest to be had in this healthful vegetable. It is a strain of seed that we have closely guarded for a long time to keep pure, as it is distinct from ordinary carrots, on account of its fineness of grain and unusually fine flavor. If you wish to grow perfect carrots, be sure to get the **Golden Beauty**.

DANVERS HALF LONG is next best to **Golden Beauty** and grows larger in size and darker in color. Its flavor is fine and close grained.

OXHEART is a very popular carrot of good quality and a wonderful producer, as more weight per foot of row can be grown on account of its heavy, thick growing habit.

IMPROVED LONG ORANGE we would recommend as a stock carrot only and for this purpose it is excellent as it makes immense crops of good feeding value.

Price of **Golden Beauty** and **Oxheart**, pkt., 7c; oz., 20c; 1/4 lb., 45c; 1/2 lb., 70c; lb., \$1.25, postpaid.

Price of **Danvers Half Long** and **Improved Long Orange**, pkt., 5c; oz., 15c; 1/4 lb., 35c; 1/2 lb., 65c; lb., \$1.10, postpaid.

Celeriac

Celeriac is a turnip-rooted celery, the tops don't look much like celery but they smell the same, only louder. The bottom is the part you use. In cooking, if you want that fine celery flavor use **Celeriac**. It's easy to grow. Plants may be grown and transplanted in the usual way; it's just a little hard to start, same as Celery. Price, pkt., 5c; oz., 40c, postpaid.



Golden Self-Blanching.

I'm writing this catalog as I hope for your good and to help you, I'm going to include some other sorts too.

The **WHITE PLUME** is no bad kind of celery at all, especially if you can keep it growing rapidly from the start until it's ready to use, in which case it's good enough for anybody and fine looking too.

The **GIANT PASCAL** is a big variety and a beautiful sort and for the market there is nothing much better.



Golden Beauty Carrot.

There is a long string of other varieties but you could not tell them from these if you saw them growing or on the market, so what's the use to waste time telling you about them. These are good, the seed grows and you do the rest. Celery can be grown almost anywhere, but will do best on rich, sandy loam with plenty of moisture. Most people plant in trenches and fill in as the plants grow; this is the approved method of the big growers. Celery will not stand hot weather very well and will not stand drought. First get good plants which can be grown in a box, same as cabbage and tomatoes, then transplant, keep them moist, well cultivated and plant either early or late. In storing for winter, dig plants and pack in dry earth or sand, moisten roots slightly and keep in a cool, well ventilated place, but where it will not freeze.

Price of **Golden Self-Blanching**, **White Plume** and **Giant Pascal**, pkt., 5c; 3 pkts., 12c; oz., 40c, postpaid.

If you are a Market Gardener—Write for prices on big orders.

Beans

Beans may be divided into seven classes: Green Pod Bush, Green Pod Pole, Yellow Pod Bush, Yellow Pod Pole, Bush Lima, Pole Lima, and Navy Bush. There are many others, in fact hundreds of varieties, but these are the ones that folks know of and grow in their gardens year after year. Each one has its own good qualities and friends. The ones listed on this page are time tried, nothing new or startling. I grow them in my own garden and they are the cream of the list of beans. Bush beans should be drilled in rows about twenty inches apart and a pound of seed should plant a row about 150 to 200 feet long, or they may be planted four beans to the hill, I like both ways. Beans do not require the richest soil, they will do better on soil containing little or no humus, and humus is what you put into the soil when you plow under straw, green crops of weeds, corn stalks or strawy manure. An old stockyard has too much humus for beans. If the weather is wet they will make so much top on this soil that they will forget all about beans. Peas are even worse on rich land, plant them on thin soil and save such rich spots for pumpkins, squashes, stock beets, sweet corn and cucumbers.

BURPEE'S STRINGLESS GREEN POD has a strong, upright, vigorous bush, is not subject to rust, absolutely stringless and bears throughout a long season if kept picked; is a fat brown bean with a small white eye. This is true with all bush beans; if you allow them to ripen they quit and die, same with folks when they quit work. **BOUN-TIFUL** is a light brown in color and flat, almost kidney shaped, about the same season as the **Burpee's Stringless Green Pod**, but for some reason seems to be a great favorite with the market gardeners. It's a good bearer, of course, and holds up well after picking, will ship well and keep fresh for a long time. Lots of housewives think it's the best for cold-pack canning. **BRUNS ALL SEASONS** has more good qualities than most other varieties. It is as good as any and better, it's early, big, tender, stringless and fine flavored, try it and see. It's a green pod. **RED VALENTINE** is a great emergency bean. It's as good as any and can be planted early and late and seems to do well anywhere and everywhere. But the **RED KIDNEY** is a very exceptional bean, not so much used just because folks don't know about it. When planted early it is good either for table use or canning.

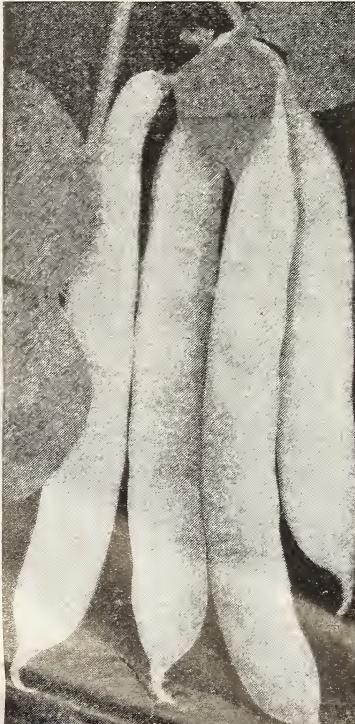
The **RED KIDNEY** is equal to **Navies** for Boston baked r soup beans and for late planting to produce green beans just before frost they should be planted about July first or before, if the weather is at all favorable they will produce a wonderful crop and the best time to can beans is at this time of year. This is written on October 3, and I have a row 150 feet long in which I drilled two pounds on August 10, and they are just ready to give me a whopper crop. I am only talking about two varieties of Green Pod Pole because they are later and most folks are not prepared to handle them. It's a little more work to get the poles, although lots of folks plant them with other crops such as Castor Beans, Sunflowers or along fences. Probably the most satisfactory crop to plant with beans for support is corn—big corn. Plant the corn first, give it two weeks start, then plant the beans right in the hill of corn or very near it. That's why vining beans are sometimes called corn-hill beans.

The **SPECKLED CUT SHORT** or **CORNHILL** (Green Pod) has been a favorite for years, not only with farmers and small gardeners, but market gardeners and big growers as well, because it looks well, eats well, is very productive and is good for either string beans, green, for canning or for dry beans for winter use. About the only difference I could ever see between the Green Pod and Yellow Pod is in the color. Some folks think there is a difference, same as some folks want to see the new moon over their right shoulder and some want to see it over their left shoulder. The yellow ones look more beautiful in the cans and for displaying at the fairs, they sure do look good.

The **IMPROVED GOLDEN WAX BUSH** has been a favorite for years everywhere that a yellow or wax bean is desirable; pods are full, crisp, and beautiful; it's a good bearer, not subject to rust or blight. Keep them well picked during the season and they produce a big yield. Beans white and brown spotted. **DAVIS WHITE WAX BUSH** is a very pretty bean in habit of growth, the pods are a beautiful light yellow, almost white and the dry beans are white as **Navies**. They are earlier than the other varieties of yellow beans and are equally good for dry beans. **Pease Plant Beans to Grow. Ours Grow.** The **GOLDEN CLUSTER WAX BUSH** has a habit of growing in clusters or bunches. If you have never seen them, imagine, if you can, how fine they look. Whole handfuls in one bunch and a lot of bunches, they make a beautiful picture and then they are easy to grow and good to eat. The seeds are white; flat and rather large, almost like little Limas.



Stringless Green Pod Beans.



Improved Golden Wax Beans.



Kentucky Wonder Bean.

KENTUCKY WONDER or **OLD HOMESTEAD**. (Green Pod). Has been grown for years everywhere. Our folks raised them when I was a boy and I had to pick them and since I've grown up I think they produce as much as I thought they did then. The beans are brown, kidney shaped.

You Plant Seeds to Grow—Ours Grow.

Prices of all beans on this page, pkt., 5c; $\frac{1}{4}$ lb., 15c; $\frac{1}{2}$ lb., 25c; 1 lb., 35c; 3 lbs., \$1.00, post-paid.



Cut Short or Cornhill Beans.

BEANS—Continued.

The **KENTUCKY WONDER WAX POLE** is all you would infer from the name. Beans are brown but darker and fatter than the green pod variety of that name. If you want a lot of good beans, plant this variety according to my instructions on this page and you will not be disappointed. There is a bush and a pole variety of most kinds of beans. Kentucky Wonder will grow most anywhere along fences, around dead trees or on corn stalks.

There is a pole **NAVY** but we do not like it because the **CUT SHORT** fills the bill and is a much better producer. The bush **NAVY** we have is one that you can tie to. I was never taught to believe in signs or to plant or do things when the moon was right but one time I had about an acre of thin, clay land that did not even grow good weeds and following the advice of a good old neighbor, who gave me the **BUSH NAVY BEANS**, I planted them in the light of the moon in June, the result was that I had beans enough to last the whole neighborhood for years.

I drilled them with an ordinary corn planter, double rowing, used thirty pounds of seed to the acre. You can do it as well as anybody, cultivate same as corn but do not bother your bean crop when the bushes are wet with either dew or rain, it will nearly always cause them to rust. Navy beans are good as a soup bean and are the variety used most everywhere now for the famous Boston Baked. If you don't know how to bake them, ask me. Soak two pounds of beans over night in plenty of water, boil for an hour, or more if the beans are old. Add one tablespoonful of salt, one-eighth teaspoonful of pepper, one-half cup molasses or brown sugar, half pound of pork cut in inch cubes. Bake five hours in

Improved
Bush
Lima
Beans.

stone, porcelain or aluminum vessel. Cover while baking. Eat 'em hot or cold. Most folks buy the beans at the store or buy them canned; they are a lot better if you grow them yourself and bake them yourself.

The **LIMAS** have not been left till the last for any reason as they have a very important place among the beans although folks north of the northern part of Iowa will not likely get along with the Limas on account of short season. You can plant a Lima bean with safety as soon as any bean but it takes a long season. If it should not get ripe you have gained a great deal as the green beans can be prepared as creamed beans and canned and there's nothing better. **IMPROVED BUSH LIMA** is earlier, will nearly always get by in time. **HENDERSON'S BUSH LIMA** is a mighty close second, both good, the best of the list of bush Limas.

KING OF THE GARDEN is the Pole Lima that everybody wants for they grow big, yield well, and do well almost everywhere. Plant same as other pole beans, cultivate, harvest and eat in the same way. You may ask when it's time to plant beans. Well, it's different in different localities, but beans should be planted as soon as all danger of frost is over. You can make later plantings if you like. It's all right to do so but just as well plant all of your yellow or green pod bush varieties whenever you plant and have it over with, as they will bear as long as the weather is favorable if you keep them picked. The pole beans may be planted a little later and the Limas, both pole and bush, require a long season so should be planted whenever you are sure that warm weather has come to stay.

Read
How To
Make
Cucum-
ber
Pickles
Page 8

King of
The Garden
Pole Lima

CULTURE OF POLE BEANS

Folks who make a business of growing pole beans do not plant them with other crops but plant in hills about four feet each way, using a pole in each hill. These four poles are pulled together and tied near the top. You can cultivate after they are planted. Keep free from weeds and keep the soil well worked. Try it if you only grow four hills.

GREEN POD BUSH.

Burpee's Stringless Green Pod.
Bruns Bountiful Bush, Red Valentine.
Bruns All Seasons, Red Kidney.

GREEN POD POLE.

Kentucky Wonder or Old Homestead.
Cut Short or Cornhill.

YELLOW POD BUSH.

Improved Golden Wax, Bruns Brittle Wax.
Davis White Wax.

YELLOW POD POLE.

Kentucky Wonder Wax Pole.

Golden Cluster Wax Pole.

LIMA BUSH.

Burpee's Bush, Henderson's Bush.
LIMA POLE.

King of the Garden Pole.

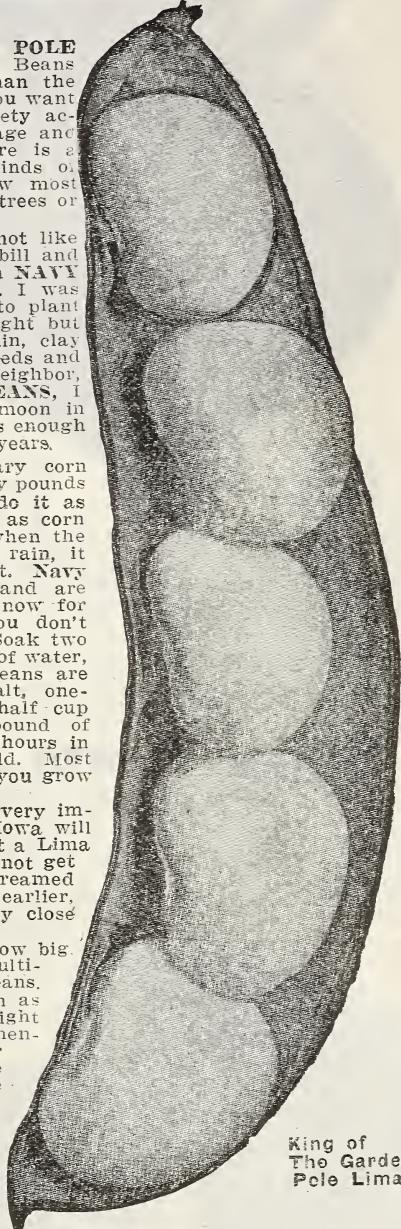
Price, pkt., 5c; $\frac{1}{4}$ lb., 15c; $\frac{1}{2}$ lb., 25c; lb., 35c;
3 lbs., \$1.00, postpaid.

NAVY. The American Expeditionary Forces favorite.

Price, pkt., 5c; $\frac{1}{4}$ lb., 15c; $\frac{1}{2}$ lb., 20c; lb.,
30c; 3 lbs., 85c. By freight or express, you to
pay charges, 20c per lb.



Field of Bush Navy Beans.



Beets TABLE VARIETIES

Beets in common use are of three general types or classes. There are so many varieties that no one should attempt to list them all. What's the use to do so, when in many cases their own fathers couldn't tell them apart. The red table varieties interest most everyone and the turnip varieties must be very red to suit the people. Lots of folks complain because their beet pickles are not a dark red when the only trouble is that they cut the tops off too short. You should leave at least two inches of top on a young beet while cooking. Cook them whole with the skins on and then if you want something real good, grow a few of the Wanzleben sugar beets to cook with the red ones when they are about the size of eggs, they will come out red and

beet pickles are not a dark red when the only trouble is that they cut the tops off too short. You should leave at least two inches of top on a young beet while cooking. Cook them whole with the skins on and then if you want something real good, grow a few of the Wanzleben sugar beets to cook with the red ones when they are about the size of eggs, they will come out red and

Beet
Brun's
Blood Red

sweet and tender. You'll surely like them. The early ones for table use are all a good deal alike, should be planted very early on rich, sandy loam and the varieties I use are **BRUNS BLOOD RED**, **EGYPTIAN**, **DETROIT** and **EDMAND'S**. **BRUNS BLOOD RED** should have special attention as it has been developed by a long series of selecting the best with a view of having a symmetrical shape, a small tap root, a good solid quality, and red. It's good to eat. The long red never got very popular although it's as good as any, because the folks like a turnip-shaped beet. They are all good. Egyptian and Blood Red are fine for early use.

Brun's Blood Red, Egyptian, Detroit and Edmand's. Price, pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 25c; $\frac{1}{2}$ lb., 35c; lb., 65c, postpaid.

Sugar Beets and Mangels

There is only one real sugar beet that I like. That's the kind they use most for the big beet-sugar factories, the old **KLEIN WANZLEBEN**. Stock beets or mangel wurzel are used in some localities and ought to be used more. If you folks, who are paying such big prices for poultry foods, would only do so, you could grow your own feed. I'll tell you a lot about chicken feed, though, as we go along. Just now I want to say that sugar beets and mangels are good, and a chicken will go as far for sugar beets, either tops or bottoms, as a boy will go for jelly rolls. The

MAMMOTH LONG RED MANGEL is the biggest thing in the beet line, grows mostly above the ground, produces a big tonnage and is good feed for any stock; can be put away for winter use same as potatoes or apples. The **YELLOW MANGEL** is not so large or so

popular, I always thought it was just as good, only not red. It frequently grows to weigh six to ten pounds, the **MAMMOTH RED** sometimes gets as large as twenty-five pounds. Then there is the **SLUDSTRUP** of Scandinavian origin, that's a redder, plumper and more solid variety. Folks like it for winter feed for stock and it's a splendid keeper and makes your cow smile. Let me say again, if you want good red table beets, cook them with the skins on, with the tops cut long, peel them and slice them afterward and you'll like them. For stock beets, cut the tops long and store them, chop rather fine or allow the stock to get some additional exercise in picking them apart.

Mammoth Long Red, Yellow Mangel and Sludstrup. Price, pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 25c; $\frac{1}{2}$ lb., 35c; lb., 65c, postpaid.
Klein Wanzleben. Price, pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 25c; $\frac{1}{2}$ lb., 35c; lb., 65c, postpaid.

Wanzleben Sugar.

SPECIAL—Mexican Bouquet Pepper.

This is a great favorite with all who have grown it on account of its attractive form and can be taken up and grown inside in pots after the garden has been cleared away in the fall. It makes a very good house plant, as it thrives inside in a sunny window. As a pepper it is very hot, so that only a few plants would be needed for pickling or preserving purposes, but a packet of seed will produce many plants that will add much to the attractiveness of your garden. Price, pkt., 10c; 3 pkts., 20c; oz., 40c, postpaid.

GARDITE THE UNIVERSAL INSECT REMEDY FOR RIDING YOUR GARDEN OF INSECT PESTS

Gardite is the most satisfactory insecticide we have tried out. It rids the plants and vines of ants, bugs and worms without harming in the least the most delicate plants, but best of all as we can see it, is the fact that it is not poisonous to human beings and can be kept around the house without the slightest danger to the children.

The use of Gardite will enable you to grow better and healthier vegetables, for it prevents their being damaged by insects, and enables your garden to produce to the best advantage. Also excellent for use on house plants and all flowers.

It is simple to use, merely dust it on the vegetables or flowers from the original can as it comes put up in handy sifter-top cans ready for instant use.

On account of its being non-poisonous can be used freely on such vegetables as cabbage, lettuce, etc., without the slightest danger. Be sure and include a can or two with your order for seeds, for it will pay you to use this.

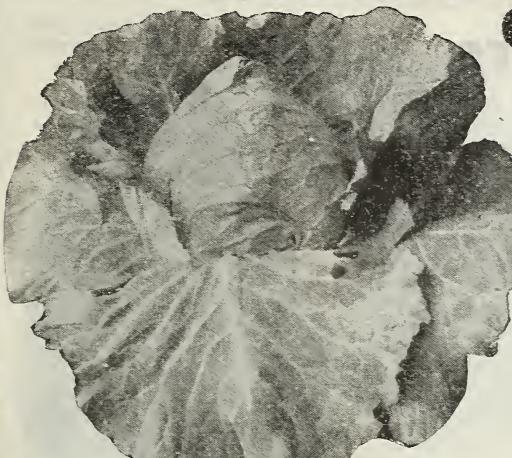
Price, 1-lb. can, 25c, postpaid. By freight or express, not prepaid, $\frac{1}{2}$ case, 12 1-lb. cans, \$1.15; per case, 24 1-lb. cans, \$3.00.

SWISS CHARD

Swiss Chard belongs to the beet tribe, tops look like big, overgrown beet tops and are good for greens. If you like greens at all you'll like Swiss Chard. Plant same as beets, cultivate the same and keep the tops cut back frequently. If you can't eat them, give them to the chickens. Price, pkt., 5c; 3 pkts., 12c.

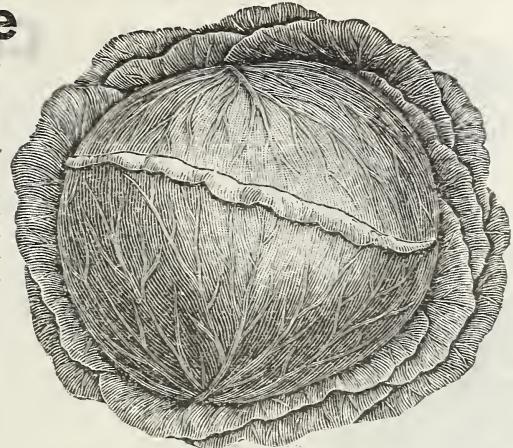


Cabbage



Most seed catalogs carry entirely too many varieties of cabbage. But there is really quite a large list; each one with its own good friends. For your convenience I have divided cabbage into:

**E A R L Y
P O I N T E D
H E A D S:** Early Jersey Wakefield Special, Pkt., 10c; 3 pkts., 30c; oz., 40c; lb., \$2.50. Charleston or Large Wakefield, Pkt., 5c; 4 pkts., 15c; oz., 25c; lb., \$2.50.



EARLY FLAT HEADS: Early Flat Dutch, Copenhagen, Enkhuizen, All Head Early, Pkt., 5c; 4 pkts., 15c; oz., 25c; lb., \$2.50. **LATE:** Late Flat Dutch, Spanish Ballhead or Hollander, Autumn King or World Beater, Pkt., 5c; 4 pkts., 15c; oz., 25c; lb., \$2.50.

One time I planted cabbage seed in December. It stayed in the ground all winter and made a good crop of very early cabbage. I used the **EARLY JERSEY WAKEFIELD**. If you want an early pointed head, that's the one to use and the **CHARLESTON WAKEFIELD** for a little later.

But let me tell you about the **COPENHAGEN**, sometimes called **NORSEMAN**. It's an early round head, solid, crisp and good and the best thing in the cabbage line that ever happened. You can plant it either as an early variety or a late one, the heads are round, solid and large, that is they will weigh from five to fifteen pounds.

But some folks want winter cabbage, something to use when the ground is frozen. They nearly always plant the **Ballhead** or **Hollander**, **Late Flat Dutch** or **World Beater**, because these kinds will stand lots of hardship during the summer, such as drought and worms, then, when the fall rains begin, they will make good, big heads, sometimes not as solid as the earlier sorts, but good keepers and very satisfactory, but at that, I am not sure they are any better than the **Copenhagen**. You can't always strike it right on cabbage, though.

One time I was asked if there was anything to do with the early cabbage that was bursting and spoiling in August. Sure there is. It's the best time in the year to make Kraut, and the fact that the



cabbage is bursting is in itself proof that it's crisp and good. The weather is hot, day and night. The Kraut will make quickly and as soon as it reaches the proper stage to suit you, (taste it and see) just simply can it in Mason jars, same as you would fruit. It's easy to do, then the other is all over, till you get hungry for Kraut, which will be frequently. How do you make it? I can tell you about that too, for I make some every year and like it. Everybody should eat it. Nothing in the whole list of eats will do you as much good as Kraut, no matter whether you are Dutch, Irish or American. Here's how. Shave it fine, remove the hearts and all outer leaves. Use a stone jar.

As you fill the jar, crush the cabbage and keep it pressed down tightly. In crushing, use an inch board about six inches wide and two feet long and pound the cabbage well, using the end of the board. (I use the slaw cutter). Add salt at the rate of a pound to five gallons of Kraut. When jar is nearly full there should be enough juice to cover the cabbage well. Cover the cabbage with a platter, big plate or something that will not be affected by the acid or that will impart a bad taste. I use a piece of plate glass. A weight should be put on and for this I use a rock or paving brick about fifty pounds. Set the jar where the juice can run over. When fermentation ceases, add boiled salty water to keep the jar full and running over a little.

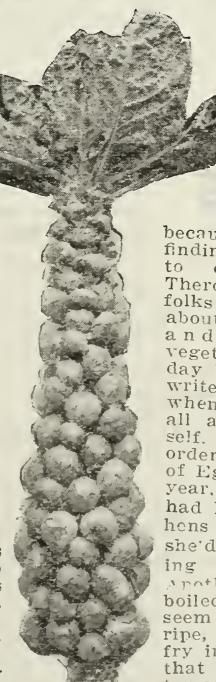
Many want to keep the cabbage. Let them grow till nearly time for freezing weather. Pull the cabbage, roots and all, set in a double row, just as they are, heads down. Dig a trench around them, throwing the dirt on the cabbage. In winter, chop them out of the ground.

Chinese Cabbage

Chinese Cabbage is not cabbage at all. It hates hot, dry weather. Best way is to plant the seed out in the open ground early in August. Thin to eight inches apart in the rows, cultivate well. It will stand frost, but not freezing, same as cabbage. Serve as slaw or boiled as cabbage. It has a richer, better flavor though, almost like Brussels Sprouts.

Brussels Sprouts

Handle same as late cabbage. Do not plant till June. If fall is cool and wet you will have what appears to be a stalk of cabbage with miniature heads of cabbage all the way from the ground up. Cook same as "Beef and Boiled Cabbage"; nothing in the way of cabbage is as good. Pkt., 10c; 3 pkts., 25c, postpaid.

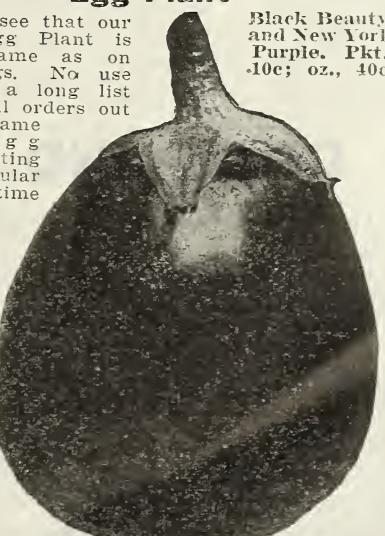


Egg Plant

Black Beauty and **New York Purple**. Pkt., 10c; oz., 40c.

You will see that our list on Egg Plant is trimmed same as on other things. No use to catalog a long list and then fill orders out of the same bag. Egg Plant is getting more popular all the time

because folks are finding out how to cook them. There's a lot of folks don't know about growing and cooking vegetables. Some day I'm going to write a cook book when I find out all about it myself. One lady ordered a pound of Egg Plant last year, saying she had lost so many hens and thought she'd try growing the plants. Another said she boiled them all nice and done but the folks didn't seem to like to eat them. We let them get good and ripe, slice them, soak in salt water a few hours and fry in butter just like beefsteak. You'll like Egg Plant that way, too. The cultural directions are same as for tomatoes. Dry weather will affect them more than tomatoes and they require a little longer season.



Cucumbers

Long Green Cucumber.



Davis Perfect

We are back to the five-cent packets on nearly everything. All cucumbers, except Japanese Climbing, postpaid, pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; $\frac{1}{2}$ lb., 75c; lb., \$1.25. Japanese Climbing, pkt., 7c; 3 pkts., 15c; oz., 20c; $\frac{1}{4}$ lb., 65c; $\frac{1}{2}$ lb., \$1.00; lb., \$1.90, postpaid.

A Recipe For Making Bergoo.

Being Scotch does not hinder me from enjoying a good Irish stew, although the younger relative of the Irish stew, called Bergoo, suits me too. Bergoo is the best thing in the world for a stag party or a lodge supper. Bergoo for ten people: Two and one-half pounds beef cut in one-half inch cubes. Five pounds potatoes cut in cubes. One pound cabbage. Salt and pepper. Cook the meat seven hours. Cover with water and see that it does not stick in cooking. Add vegetables. Boil briskly for two hours. It should be mushy when done. Add salt, pepper and butter to taste when almost done. Nothing to hinder you from adding corn, tomatoes, beans, green limas are good and if no one is looking you might even drop in an onion or pimento pepper. This receipt is furnished by my old friend, H. J. Sawyer, who has quite a reputation as a Pergoo maker among the A. E. F. and Masonic circles and stag parties. And he says be sure and prepare for second helpings. We can supply the seed to grow all the vegetables in these dishes, you can hustle the other things somehow, don't forget the pepper and salt and carrots.

ODDS AND ENDS

Drussels Sprouts. See page 7. Pkt., 5c.
Cress or Pepper Grass for garnishing or flavoring salads. Pkt., 5c.

Endive. See page 9. Pkt., 5c; 3 pkts., 12c.

Gourds, Mixed. (Get someone to plant them for you). A good mixture of odd shapes and sizes. **Large pkt.**, 10c.

Leek. See page 12. Pkt., 5c.

Mustard for greens. **Small** curled. Pkt., 5c.

Mustard, White. Mild, mighty good for greens. Pkt., 5c.

Mustard, Black. Strong; for medical use, (Mustard Plasters). You can grow it but don't let it spread seed too much. Pkt., 5c; oz., 20c.

Peanuts. See page 14. Shell before planting. Plant in rows three feet apart and six inches apart in rows. Try them same as potatoes. You can do it; they are better on sandy soil. $\frac{1}{4}$ lb., 15c; lb., 45c.

Crimson Giant Rhubarb. See page 43. Seed, pkt., 5c; oz., 15c. Roots, one-year plants, 3 for 25c; two-year roots, 2 for 25c, postpaid.

Spinach. There is nothing that appeals to the taste for greens, like spinach; it's very fashionable. You can get it on dining cars and in the big hotels; swell folks eat spinach. Do you eat spinach? It's easy to grow and easy to can. Plant same as lettuce, cultivate in same way. Prepare and serve same as any greens, the fine flavor, the beautiful green color and meaty taste of spinach makes it the most popular of all greens. Pkt., 5c; oz., 15c. An ounce will plant fifty feet of row.

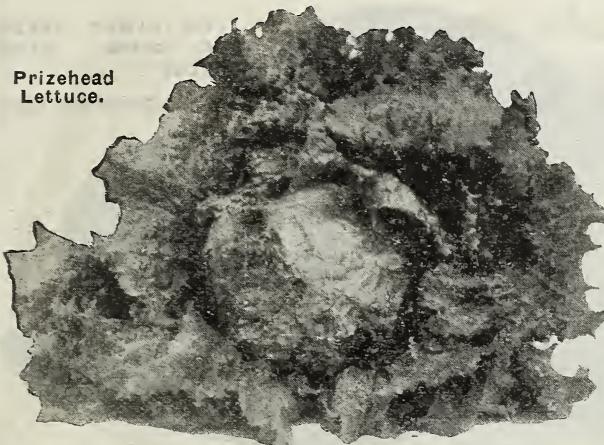
I suppose you would be disappointed if you did not find a lot of odds and ends in our catalog, same as most every good catalog has. So here they are.

Kohl Rabi. Do you know that this is sort of a turnip and cabbage affair? The bulb or head is solid as a turnip, about the size of a teacup, and has the cabbage and turnip flavor. When prepared same as creamed turnips, they are excellent. Plant in rows about one foot apart and thin to six inches apart in the row; or plant seed early, same as cabbage and tomatoes and transplant. The young plants look like cabbage. Pkt., 5c; oz., 20c.

Salsify or Vegetable Oyster. You could not tell Salsify from real oysters. When cooking they smell the same, the soup looks the same and tastes the same and so it is truly a vegetable oyster. But you must not be impoite and look too closely for the meat. The plants look like weeds, the bottom is the part you use and it looks like a little parsnip. When fall comes, dig them and store. I sink a barrel in the ground in a well drained spot and fill it with the roots. Allow them to freeze, then cover to hold the frost. When cooking, first clean well with a brush, cut in slices half an inch thick, boil in water till done, add milk, cream and flavoring, same as for oysters. Pkt., 5c; oz., 20c. An ounce will plant about fifty feet of drill.

Mammoth Russian Sunflowers should be planted in every chicken yard for shade and for the seed which is splendid feed for poultry and parrots. The only trouble is, the sparrows will riddle them sometimes before they get ripe. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 15c; lb., 35c, postpaid.



Prizehead
Lettuce.

have ever offered. In a comparison with thirty other kinds of lettuce from different sources, planted side by side, there is none equal to the Golden Heart. It is usually white inside but Bruns Golden Heart is the richest light yellow in color of them all and most tender. The inner leaves are rather thick but of a very tender substance and very rich in a distinct flavor, resembling somewhat a mild celery flavor. Its outer leaves are a rich, dark green, uniform and not tinged with other colors, gradually leading to a light celery yellow in the center. Price, pkt., 7c; 3 pkts., 15c; oz., 20c; 1/4 lb., 60c; lb., \$1.75, postpaid.

Then the GRAND RAPIDS is probably the best known of the early heading sorts and is a good one because of its quick growth, crispness and fine flavor.

When I was a little fellow the only kind of lettuce we had at home was PRIZEHEAD. We got the seed from D. M. Ferry, he said it was a good variety. It was and is yet. If folks have as much confidence in me as I had in D. M. Ferry I shall be very proud. I wrote him a letter one time and asked him why my peas did not do better, telling him how I had planted them and how I had worked, the kind of soil used and all, and the reply I treasured for years. After I had grown up and left home I had that letter in my trunk. He told me my peas were planted on soil that was too rich. Well, I like Prizehead yet, and grow it in my garden every year.

You'll like BIG BOSTON, too. Did you ever try planting lettuce in boxes in the house like you do cabbage and tomatoes and transplant same way. The head varieties seem to do better that way and should have nearly as much room as cabbage. The Big Boston is sure to head, big, beautiful and good to eat.

MAY KING has not been known so long but it's one of the best for strictly outdoor growth. I plant it thick and early, then begin using soon, leaving a plant here and there to head.

CALIFORNIA CREAM BUTTER is a kind that will always be good, even if it does not head. All head lettuce will refuse to do its best unless the soil is good and the weather favorable. The California Cream Butter, however, is good either as a head or loose variety.

NEW YORK or WONDERFUL, while different in appearance, is equal to any and better than most varieties and you might as well have the best there is, as it costs no more.

HANSON is a smaller head but is easy to blanch and a mighty good summer and fall variety.

There is a curly type called EARLY CURLLED SIMPSON that is a pretty thing and is nice for garnishing as well as being good to eat. It's a good forcing variety too. You can have it most all the time by successive planting.

The BLACK SEEDED SIMPSON is crinkled leaf too, looks like it was hand made, is a little larger than its relatives and the Early Curled Simpson, and will not stand forcing as well, but a good variety for utility.

Price, Bruns Golden Heart, Bruns Early Prizehead, pkt., 7c; 3 pkts., 15c; oz., 20c; 1/4 lb., 60c; lb., \$1.75.

Price, Grand Rapids, Early Curled Simpson, Improved Hanson, May King, Black Seeded Simpson, New York or Wonderful, California Cream Butter, Big Boston, pkt., 5c; oz., 20c; 1/4 lb., 45c.

ENDIVE

I don't know why Endive should sometimes be called Dutch Lettuce. But it's surely a worth-while vegetable of the lettuce tribe, only it works later in the season. Plant about July or August, same as lettuce. The plants are more bushy, the leaves are crinkly, very beautiful, but should be bleached to be real good, when they are almost white with green edging and are used for garnishing, but are good to eat as lettuce. Price, pkt., 5c; 3 pkts., 12c.

Big Boston Lettuce.

Special 1923 Offer - Our "Home Grocery Collection" 90c

Garden Lemon

Garden Lemon is neither a lemon nor a garden, but it belongs to the family of vines. It is fine for pickles, same as watermelon pickles or ripe cucumbers. It is still carried as a novelty in some catalogs, but it's as good as a cucumber and worth while. Price, pkt., 5c; 1 pkts., 15c; oz., 25c.

Beans, Stringless Green Pod, 1/4 lb.....	\$0.15	Parsnip, Hollow Crown, pkt.....	\$0.05
Beans, Wax Pod, 1/4 lb.....	.15	Peas, Premium Gem, 1/4 lb.....	.15
Peets, Extra Early Egyptian, pkt.....	.05	Radish, White Icicle, pkt.....	.05
Cabbage, All Head Early, pkt.....	.05	Radish, Early Scarlet Globe, pkt.....	.05
Carrots, Danvers Half-Long, pkt.....	.05	Squash, Hubbard, pkt.....	.05
Cucumbers, Improved Long Green, pkt.....	.05	Sweet Corn, Golden Bantam, 1/4 lb.....	.12
Lettuce, Early Prizehead, pkt.....	.07	Tomato, Earliana, pkt.....	.05
Muskmelon, Bruns Earliest, pkt.....	.10	Watermelon, Sweet Heart, pkt.....	.05
Onion, Prizetaker, pkt.....	.07	TOTAL	\$1.31

Seventeen of the Best Varieties That Should be Planted in Every Garden.

Here is a real bargain counter. If bought in the ordinary way would cost \$1.31. This is the same list that sold for \$1.00 last year and was very popular.

SPECIAL 1923 OFFER—THE ENTIRE LIST, PREPAID—90c.

Muskmelons

Folks grow Muskmelons every year and the boys don't steal 'em like they do watermelons. They call them Cantaloupes on dining cars, and in big hotels and charge you 25¢ for a half. But the ones we grow in our own garden are always better, although not quite so cold unless we have ice at home. There are a lot of different varieties. The ones that seem to suit people best now are the little yellow or green fleshed fellows, like those coming from **ROCKYFORD**. The **BRUNS GREEN AND GOLD** is a variety that has been pleasing our customers for some time. It is very thick meat, only slightly ribbed, with fine netting of a soft russet green color. The rind is thin and green and the flavor is very desirable.

We doubt if you could find any variety of melon that matures a crop more uniform in color, size and quality than the **BRUNS EAR-**

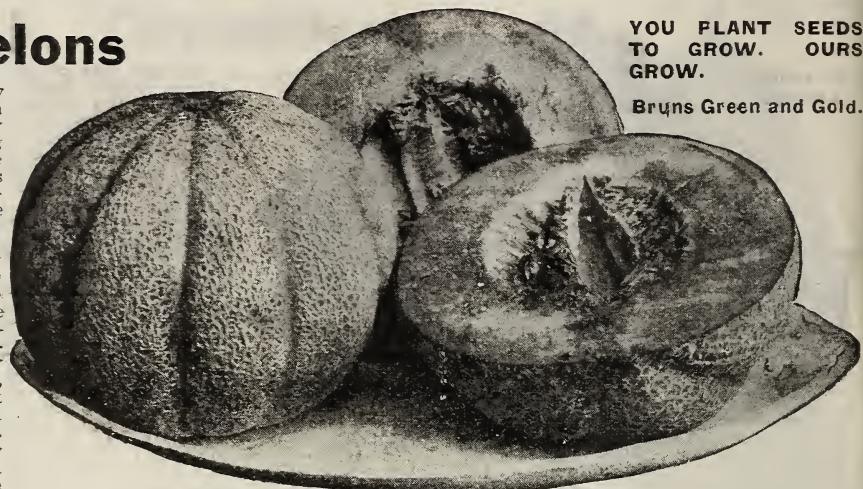
LIEST. This melon, when matured, runs the same in color all through and the flesh is excellent to the very rind. It is an excellent shipper and as a salmon-fleshed melon we are sure that in time it will be as popular as the **Osage** (salmon-fleshed) is today. The vines are compact and therefore it does not require a great amount of room to grow and for that reason is very popular as a home garden melon, while the commercial grower can get more from an acre of these than from any other varieties on account of its compact habit. **Bruns Best Early Home Garden and Commercial Melon**. **BRUNS EARLIEST MUSKMELON** cannot be surpassed as an every purpose melon, whether you grow for pleasure or profit. Pkt., 10¢; 3 pkts., 20¢.

The **HACKENSACK** is a variety that for years has been a favorite even before **Rockyford** was discovered. The **Hackensack** is a well established variety. It is large, deeply ribbed, thick fleshed, light green in color, very sweet and a good producer.

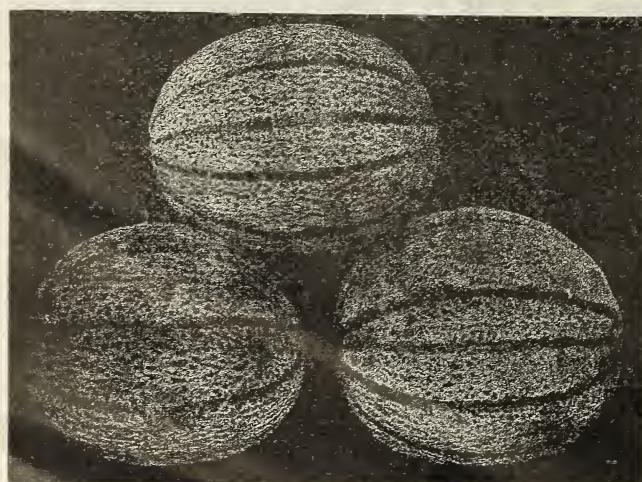
The **OSAGE** is a variety that is included, always slightly netted and with a thick meat of a salmon color. It will frequently grow quite large.

Maybe you have forgotten about the **BANANA** muskmelon, but we have it and it is just as good as ever. One of the finest varieties of the entire list for a home garden, but not a good shipper, and not particularly attractive in appearance. It is good to eat, however.

The **EMERALD GEM** is a slightly netted, rather green melon, reminds you somewhat of the **Rockyford** in general appearance, and is early. The flesh is of a delicate salmon color and it is early.



Rockyford.



Osage.

YOU PLANT SEEDS
TO GROW. OURS
GROW.

Bruns Green and Gold.

One would think that the old-fashioned **Rockyford** melon the one that made Rockyford famous would be good enough for anyone. For some years this variety has been recognized both at home and abroad as a standard of excellence.

The restaurants, hotels, and dining cars would not think of being without the **Rockyford**. They are good shippers. The flesh is a light greenish color, very juicy, with a flavor peculiar to itself and our seed stock is of the very best. But the Rockyford fellows have not been content to have it said that this variety was the only good one on the list, and they are now giving us a variety called **PAUL ROSE**, which is not only a good shipping melon of fine flavor, but beautiful orange flesh and everything that could be desired in a perfect melon and it will keep for a long while. It is a very desirable melon.

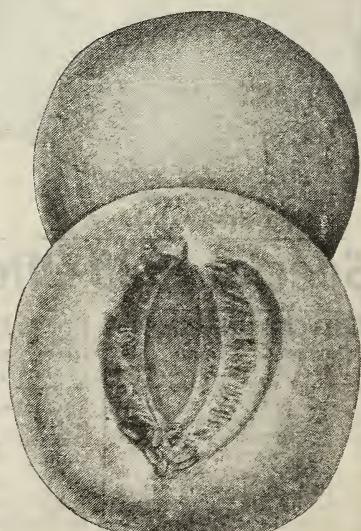
HONEY DEW Musk-melon is a variety that has been coming slowly into use, but proves to be one of great value. It has not made the hit in the big markets that the **Rockyford** has made, but in my opinion it is sweeter and better to eat. It is a little larger, which probably accounts for the fact that it does not go well at the big hotels, but you may find it in any of the

market places in the cities now, and the price they charge for it would indicate that it was something exceptionally good. It will not do well far north and I would say if you were north of the northern line of Iowa it would not be best to plant this for a main crop.

Price, Honey Dew, Paul Rose,
pkt., 7¢; 3 pkts.,
15¢; oz., 20¢; $\frac{1}{4}$
lb., 60¢.

Price, Hackensack, Rockyford,
Banana, Emerald
Gem, Osage, 5¢;
oz., 15¢; $\frac{1}{4}$ lb.,
45¢; lb., \$1.50.

STIMUPLANT is a plant food in tablet form and is the most modern and scientific method of fertilizing growing plants. Dissolve tablet in water and get immediate results. Great for house plants, flowers, and vegetables. **Price:** Trial size, 15¢; small size, 25¢ (30 tablets); large size, 75¢ (100 tablets), postpaid.



Honey Dew.

Watermelons—Oh Boy!

STIMUPLANT
Makes a
WONDER GARDEN

Almost every day I hear some fellow preach about what he would do if he were a boy again. Huh! That's easy enough to say. A lot of old fogies have actually made themselves think that if they had another chance they'd sure grow up to be perfect angels, wings and all. I think most of us would be bigger fools the second time than we were the first, espe-

cially if there was a good crop of melons. Honest, do you think it's bad to steal a watermelon? Well, if you want to get in good with the boys tell them just to wait till the melons are ripe and you'll let them know, then keep your promise. Some localities are not suited to growing watermelons, which should have a very sandy loam and enough moisture. Regarding varieties, there are early and late, light green, dark green, striped, round ones, long ones, black seeded, white seeded, red meat and yellow meat: they are all good. The seeds grow.

BRUNS UNIVERSAL. Almost round in shape, dark green, faintly striped with lighter shades, thin rind, red flesh, black seeds and early. It's not a good shipper but what you want for an early home melon or for a nearby market. Try the Bruns Universal this year. You want seeds to grow. Ours grow.

COLE'S EARLY, red fleshed, black seed, short, fat melons, solid and sweet, green, almost striped.

FORDHOOK EARLY, big, red flesh, fair shipper, but thin, tough rind. It's the best early market.

SWEETHEART. A large oval-shaped melon, mottled light and dark green; flesh a bright red color, solid, tender and sweet. An excellent variety and one that we recommend for both the home garden and for nearby markets.

Do not fail to read about our big new smooth variety of corn on page 22.

Tom Watson.

We consider it one of the best melons in its class. There are just three more I want to mention. They are the kind I buy when I want something good for my friends. It doesn't make any difference to me which one I buy, for they are all good but not alike, only they are all melons.

McIVOR'S WONDERFUL SUGAR is a large, dark green melon with broad stripes of lighter shade; seeds white. On real rich, sandy loam I have seen them grow to weigh fifty or sixty pounds.

IMPROVED KLECKLEY is worthy of a place anywhere you can grow melons at all. It's the earliest big melon on

the list; oblong, green, white seed, red flesh, and will ship, but not a very good shipper.

TOM WATSON is fully equal to any melon. It is probably the best known of any of them and it has all the good qualities of the rest of the crowd and ships well, too. So here is the best bunch of melons you could find anywhere, all of them red fleshed. We have not found the yellow fleshed satisfactory. We are also trying out one this

bunch that is said to be the best and biggest thing that ever happened in the melon line. If it's a success, I'll tell you about it next year.

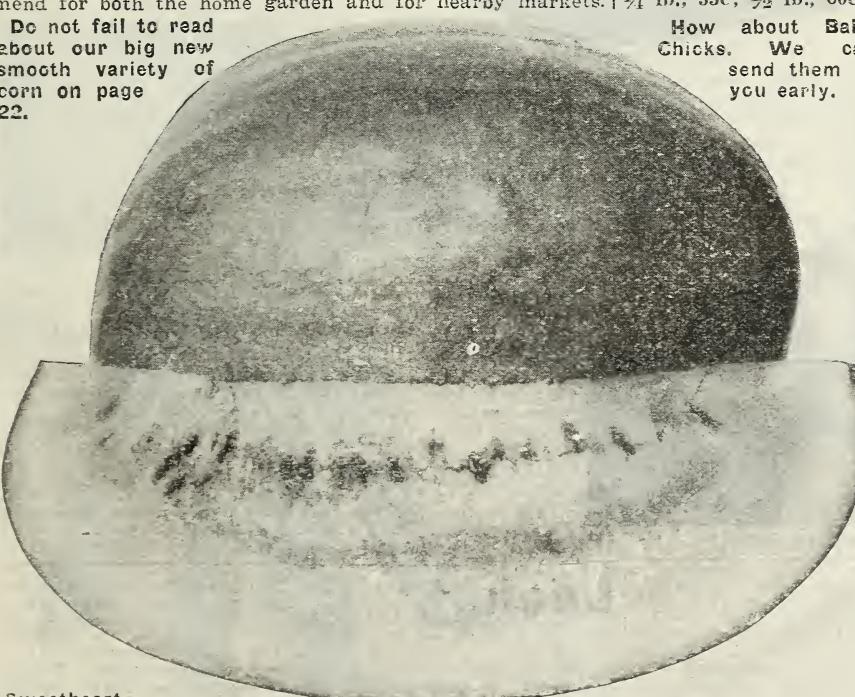
Price, Bruns Universal, plt., 1c; 3 pkts., 15c; oz., 20c; $\frac{1}{4}$ lb., 35c; $\frac{1}{2}$ lb., 60c; lb., \$1.10.

How about Baby Early, McIvor's Wonderful Sugar, Chicks. We can improve Kleckley, Tom Watson, send them to you early.

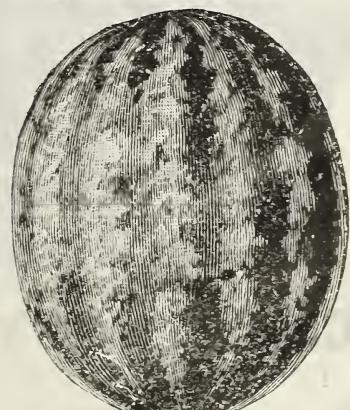
How to Grow and Prepare Boston Baked Beans, Sauer Kraut, Cucumber Pickles, Ground Cherry Preserves, Bergoo, Irish Stew, and many others.

Ask for leaflets on how to grow and prepare them.

Kleckley Sweet.



Sweetheart.



Cole's Early.

Onions

There will be a good many days in the year when you will not have company, when you will be at home all day and evening. That's your chance to eat onions. I'm not in sympathy with the man who says, "An apple a day keeps the Doctor away, but an onion a day keeps everybody away." Everybody should eat onions because they are healthy. Grandmother said so. All right, if you eat onions someone must grow them. And in growing you should take into consideration conditions, soil and market. You would not want to grow a pickling onion for a winter keeper and so I have prepared a list from which you may select the ones that will most nearly fit your needs.

Nothing in the onion line is better known than the **PRIZETAKER**. It's a big, round, summer and fall variety that sometimes will grow as large as two or three pounds but it is not a good keeper. You can keep it though if you dry it well and store in a very cool, well ventilated place. The **Prizetaker** is without a doubt the best yielder on the list, frequently producing as much as 400 bushels per acre. Onions are light yellow in color, flesh clear, sparkling white. For a middle-west fall or early winter market onion the **Prizetaker** is the best.

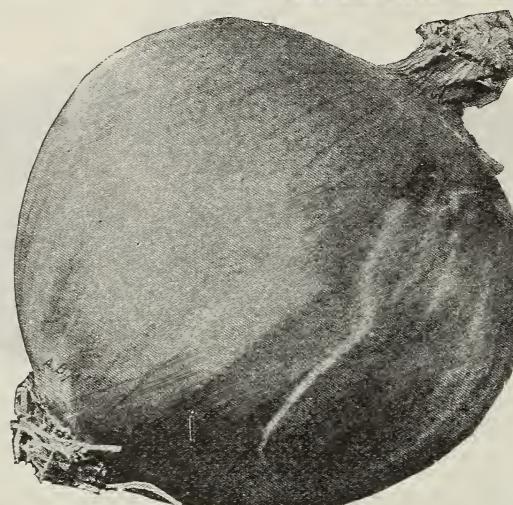
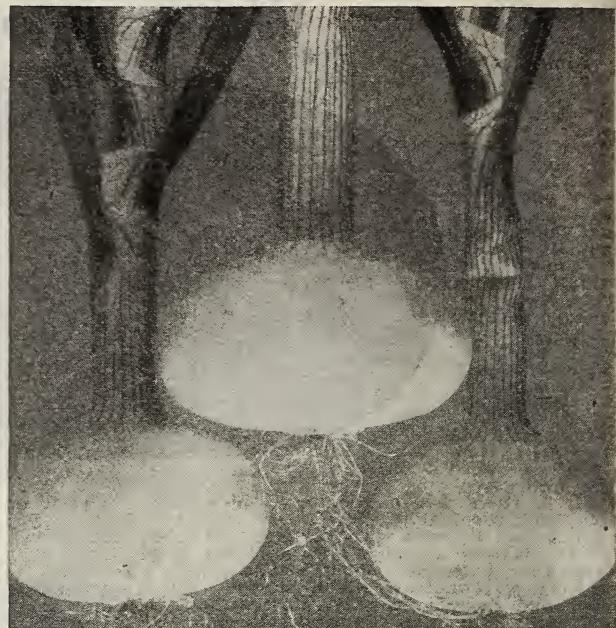
For years I've been looking for a good, hard onion that would stand high altitudes and make good yields, having good size and good flavor. But it was a surprise to me when I found just what I was looking for already developed and in use. The onion evidently came from Yellow Danvers parents, is not either a true flat or globe but has made good at an altitude of nearly 8,000 feet for years and is doing equally well everywhere it has been tried. In color it's of the yellow family, almost brown, solid as a rock, the best keeper in the world, ripens even, no scullions or thick necks. Too much cannot be said in favor of this variety which we call **MOUNTAIN DANVERS**.

The **RED WETHERSFIELD** is also one that needs no introduction and for a variety to meet all conditions it's probably the most favorably known, being big, flat, red, a good keeper and very productive, good for either market or home use. These with the **LARGE RED GLOBE** make a combination that is hard to beat. Down East they call this the **SOUTHPORT RED GLOBE**. It's a perfect globe shape, true rich red, a big producer and keeps well till spring.

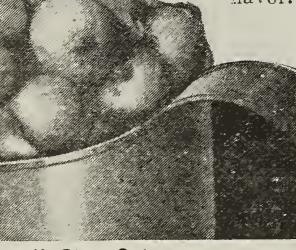
A man came into the office yesterday and said, "How do you get onion sets?" Maybe there are a lot of other folks that don't know. Here's how. Just plant the seed very thickly, the big growers use 100 to 200 pounds per acre, in rows about six inches wide and rows about twenty inches apart. In this six inch row seed is sown very thickly and as they grow they are so crowded that they never get very big and finally just give up and quit. The tops die and they are gathered, dried and stored till spring when they will make early green onions, but if allowed to grow they will finish up their former year's work and make a big onion. But it will not be a good keeper.

Then there is the **SOUTHPORT** family, that is the Red, Yellow and White, all of them standbys, very popular in the East, but equally good anywhere; globe in shape, good keepers, yielders, and good flavor.

Bruns Prizetaker.



Bruns Prizetaker.



Northern Grown Small Size Sets.

Chives are really pony onions. They look like onions and smell like onions, only very small ones. They never make bulbs, they are like the winter onions, just grow in a clump or hill. The tops are small and green most of the year and for flavoring soups and salads they are just the thing. Seed can be planted same as onion seed. 15¢ per small packet. Small clumps, 5¢ each, all postpaid.

Leek is another close "kin" to the onion family. It looks like overgrown green onions when ready to use, and is better than onions. It has been used since before the children of Israel left Egypt and is referred to in the Bible, Numbers 11:5. Plant the seed very early in boxes or greenhouse. Transplant in the open ground five or six inches deep. Cultivate well. Eat any time you get hungry. Packet, 5¢.

MAMMOTH SILVER KING is the largest and most handsome onion on the market today, except the southern grown **BERMUDAS**, which it nearly equals. It's very mild, the skin is a beautiful silvery white, is very desirable either for home or market use.

AUSTRALIAN BROWN is very early, will grow from seed in 100 days and will keep longer than other varieties. The **Australian Brown** is the emergency and utility variety.

You'll want some to pickle so I've selected just one, a white one, the earliest of all, matures ready for use in seventy-five days—the **BRUNS WHITE PICKLING**, it's all right.

Price, Bruns Prizetaker, pkt., 7¢; 3 pkts., 15¢; oz., 25¢; 1/4 lb., 75¢; 1/2 lb., \$1.40; lb., \$2.50.

Price, Mountain Danvers, pkt., 7¢; 3 pkts., 15¢; oz., 25¢; 1/4 lb., 75¢; 1/2 lb., \$1.40; lb., \$2.50.

	Plkt.	Oz.	1/4 Lb.	Lb.
Red Wethersfield	\$0.05	\$0.25	\$0.50	\$1.75
Australian Brown	.05	.25	.50	1.75
Large Red Globe	.05	.25	.75	2.50
Southport White Globe	.05	.25	.75	2.50
Southport Yellow Globe	.05	.25	.75	2.50
Mammoth Silver King	.05	.25	.75	2.50
Yellow Globe Danvers	.05	.25	.75	2.50
Bruns White Pickling	.05	.35	.90	3.00

Ask for special prices on five pound lots or more.

You'll want some bottom sets, too. The ones we offer are the northern grown, small size, hard sets. But if you do not order early you may not get this kind as our supply is limited. There will still be sets though, maybe plenty of them, but not this kind. Until all sold out we have the **Red**, **Yellow** and **White** and these prices are postpaid to zones 2 and 3. Add 5¢ per pound for zones 4, 5, 6, 7, and 8. Prices are for January, February and March orders only. 1/2 lb., 15¢; lb., 30¢; 3 lbs., 15¢; gal., 90¢; peck, \$1.65. Per bushel, you pay express charges, \$4.50, subject to being sold out.

I don't know why folks overlook the value of **BOTTLE ONIONS**. They are better, sweeter and have a finer flavor than the flats or globes. Our store man, Mr. Warren, found a few somewhere, grew them and we offer just a few of the **YELLOW BOTTLE** onion seed at 25¢ per packet. The sets are 50¢ per pound, postpaid. Order quick. When the small amount is sold we will refund money sent for **BOTTLE** onion seed or sets.

Garden Peas

No garden is complete without peas. Everyone likes peas. You never have too many, as you can eat what you can and what you can't you can can. Since cold pack and steam pressure canners have come into general use, canning is easy and sure.

The **FIRST EARLY** are always what we think of when spring comes.

The **BRUNS EARLIEST** was a favorite last year and give such universal satisfaction that it should take its place at the head of the class this year. It is ready for use in 45 days from planting and the first picking does not exhaust it, plants grow about two feet high, need no support; pods nice light green, about three inches long holding six to eight peas. Plant a few every two weeks for succession.

The **ALASKA** is a smooth variety that has made good for years. It's early; you can plant peas as soon as the frost is out of the surface of the ground but don't plant them on rich soil.

The **LITTLE MARVEL** grows about fifteen inches high, will get along without support but will be better if supported—all except the **Bruns Earliest** and **American Wonder**—the **Little Marvel** is a small early wrinkled sort. You'll not go wrong to plant it.

The **AMERICAN WONDER** only grows to be about twelve inches high on ordinary soil. If they grow big they have less peas on them, so you'd better select a soil that is right and plant the **American Wonder** early, they are quick and snappy, and when you get one right good picking you get them all and might as well plant the ground to something else; tomato plants would be all right. Drill peas in rows, one pound of seed

American Wonder.

OUR SEEDS GROW.

to about fifty feet of row. Cover to the depth of an inch or two. Cultivate. But you get the crop before you need to worry much about cultivation, but no harm to keep the ground in good shape for the next crop. Don't ever let your garden grow up to weeds, as I might want to get a picture of it. I heard of an elephant that got away from the circus and when they found him he was hid among the weeds in Bill Smith's garden.

The **PREMIUM GEM** or **LITTLE GEM** is one of the early wrinkled sorts that has been a favorite since before my time.

The **NOTT'S EXCELSIOR** looks like it but is a little larger and a little later, both standard, well known sorts.

Then come the later ones, and my, how I do like the big late peas. Don't care which one, just so there are a lot of them. Couldn't say which one is the best because there are two that I like best, the **LAXTONIAN** and **CHAMPION OF ENGLAND**. One day a grocer showed me a can of little **Champion of England** peas, told me how they picked them little and screened out the big ones, so they'd all be small and how they had to sell them for so much more because of the superior quality. I bought them and they were as good as he said they were. Now my wife cans them that way. Little Champions we call them, although **Laxtonians** are just as good but if you let them all get big they are still good; they are both wrinkled peas and both should have plenty of support as they grow four feet high.

Then there is the **GRADUS**, **THOMAS LAXTON**, **STRATAGEM** and **TELEPHONE**, all of them just about as good as peas can be; they are all wrinkled and all need support and all good producers. You won't go wrong on any of these varieties.

Price, Bruns Earliest, Alaska, Little Marvel, American Wonder, Premium Gem, Laxtonian, Gradus, Thomas Laxton, Stratagem.

Champion of England, Telephone, Nott's Excelsior, pkt., 5c; $\frac{1}{4}$ lb., 15c; $\frac{1}{2}$ lb., 25c; 1b., 40c; 3 lbs., \$1.00, postpaid.

Laxtonian.

StimUplant
Makes a
Wonder Garden

Bruns
Early.

Special Prices to Market Gardeners

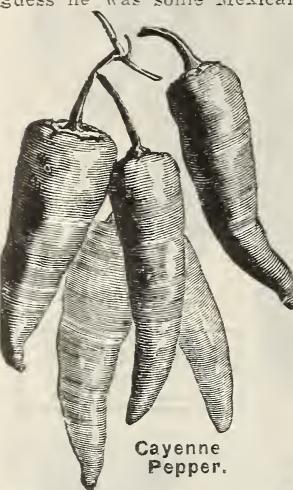
To market gardeners or large planters who usually buy considerable quantities of seeds, we will make the following special discounts from the regular prices as listed in this catalog, on all varieties of vegetable seeds purchased in quantities of one-fourth pound or over, providing your order amounts to \$5.00 or more, as follows:

Orders amounting to not less than \$5.00 and up to \$10.00 we will allow a discount of 10 per cent. Orders over \$10.00 we will allow a discount of 15 per cent.

Peppers

I don't know how many kinds of peppers there are, but a good many, and some of them hot as fire; don't know why folks want to eat the red-hot stuff, but since you do you might as well buy seed here. It's as good as you can get anywhere, and we like to have you trade with us. The **LONG RED CAYENNE** is a pretty thing when growing, full of little, pointed, slender peppers most of them ripe at the same time and a lot of them. Then the **MEXICAN BOUQUET** pepper is positively the cutest thing in the pepper line; folks frequently grow them for house plants and they are pretty for that, too, the little peppers are about the size of hazel nuts and the plant is just literally covered with them. They are easy to grow; plant the seed in boxes of dirt in the house, then plant out in the open or in pots when four or five inches high. **STIMUPLANT** is great stuff to boost the growth of potted plants as well as outdoor stuff of most all kinds. It's made by the Earp Thomas Company of New York, a big Chemical Company, sound as a dollar; they make dope to kill rats, too, and it sure is a business. I've tried it. Then if you want to eat the **MEXICAN BOUQUET** pepper there's no law against it. I've never had it myself, the smell is enough for me. I gave a man some seed one time, guess he was some Mexican, said he never got 'em hot enough to suit him, he had no trouble growing them and one day when his wife was making soup he dropped four of these little peppers in, the tears were still running down his cheeks when he told me the soup was so hot they had to throw it out. I do like the **SPANISH PIMENTO** though, it's really good to eat, thick meaty and tender, most like a tomato, red when ripe. It's dandy stuffed with cabbage and canned, then the big ones are good to use in the same way. We only talk about two of the best, but there are a lot more. The **RUBY KING** and **CHINESE GIANT** are both big, red, late, productive, sweet and crisp. This making five varieties and you can get about anything you desire in the way of peppers from this list and there's nothing better.

Price, postpaid, Chinese Giant, Ruby King, Mexican Bouquet, Pimento, Long Red Cayenne, pkt., 5c; oz., 50c.

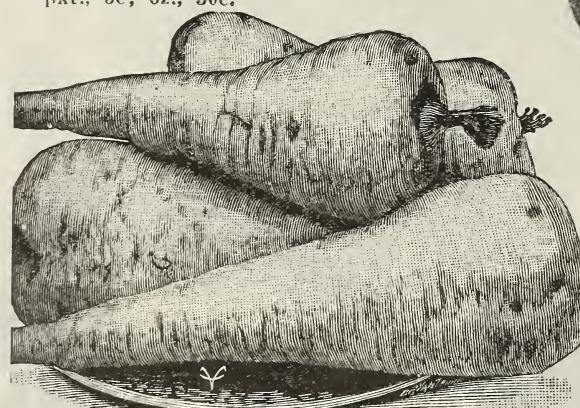


Cayenne Pepper.

Parsnips

I don't know how many varieties of parsnips there are, I never saw but one, just parsnips. But you may send your orders along for any kind you want, we've got them all in the same bag. Most folks think parsnips have to be frozen as grandmother said, to take the poison out. It's all bosh. I've grown them and have cut the green tops off and eaten them late in the fall, baked with fat pork. I have dug them before freezing weather, packed them in dry soil for use any time in winter and if you think they did me any damage, just come in and start something, and you'll find out who's who here.

Just the same they are a little better if frozen, but that does not signify that you've got to chop them out of the frozen ground in the winter. You can dig them late, pile so they will remain frozen and it will do just as well. Price, 1 qt., 5c; oz., 15c; 1/4 lb., 25c.



Parsnips.



Peanuts.

Peanuts

Maybe you think you can't grow Peanuts. Did you ever try it? It is easy enough.

Plant them same as potatoes, after hulling them carefully. Cultivate in the same way. When they are fully matured, sun-dry them for a day, then put them in a dry, airy place, roast them in the oven the same as grandmother roasted coffee. When you get them roasted, I'd like to be there to help you. Price, 1/4 lb., 15c; lb., 45c, postpaid.



Ruby King Pepper.

Pop Corn

There are many varieties of Popcorn. If we would list them all you wouldn't know which to buy as many of them are no better than some others. So I've selected three varieties that I have used at home for years, think I'm a judge and then I've raised five children all of whom demand the best there is in the way of popcorn. The **Japanese Hullless** has not been known for so long but you should try it. You'll like it I know. It's a short, stubby ear, well filled and reminds you of a fat boy. Our **White Rice** is just the old-fashioned **White Rice** that you have always known except that the

seed has been carefully grown and selected each year with the view of having the best there is for our customers. The **Baby Golden** is the smallest ear of the whole list and a beautiful golden color, and sometimes as many as seven perfect ears on a stalk, (don't husk it by the bushel or you'll make a poor day's wages). The best thing about it, though, is the eating, it's good to eat, pops nice and fluffy and no hard centers, but it's hard to say that any of these three varieties are better than the other two.

JAPANESE HULLLESS. We consider this the best large popcorn that grows, for it pops out the most tender, without hard centers and is snowy-white and absolutely tender. The ears are short and blunt. Matures early and is very sure to make a good crop.

IMPROVED WHITE RICE. We have carefully selected stock of this popular variety and you will find it better than the average stock offered. It is all grown on our farm.

BABY GOLDEN. A very small golden yellow popcorn of very fine quality. The ears only average $2\frac{1}{2}$ inches in length, with small grains resembling the rice type, and pops out exceedingly tender and fine flavor. Be sure to have Baby Golden if you want the prettiest and classiest popcorn produced. Price, pkt., 5c; $1\frac{1}{2}$ lb., 15c; lb., 25c, postpaid. Popcorn for popping, 10c per pound. You to pay cost of shipping.

POPCORN FOR POPPING

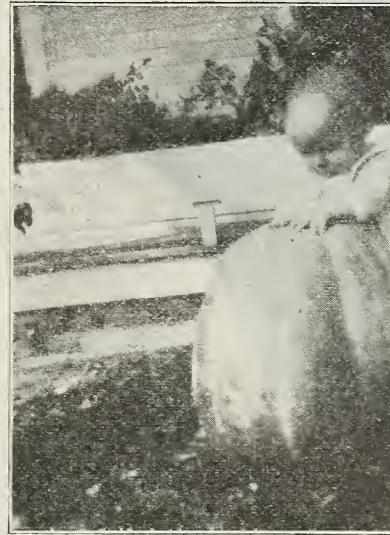
We always have plenty of popping corn. Price, 10c per lb. You to pay cost of shipping.

STIMUPLANT
Makes a
WONDER GARDEN

SOME PUMPKINS!



Mr. Eldridge thinks the White Cusshaw is the only thing. But listen. My notion is that a pumpkin should be big.



Wish I could see what the thing looks like inside. I left my knife in my other pants. Bet it'd make good pumpkin pies.



Daddy said it was a pretty brown pony but I can't get it to gallop. I'm disappointed. Somebody please say shoo!

JAMES BRUNS, the Junior Seedsman, Age 8 months.

Pumpkins

When I was a little fellow, our folks grew pumpkins that were medium sized, usually flat, sort of a yellow brown and we called them **Sweet Pumpkins**. So when I saw the **Sugar Pumpkins** advertised, I supposed they were the same, but the **Sugar Pumpkin** of today looks like a small cow pumpkin, only it's much heavier for its size, and mother's **Sweet Pumpkins** are now called the **Cheese**. It's good as ever though, either stewed or for pies. The little sugar pumpkin is solid, sweet, ready to use early in the fall, keeps well and is probably the best on the list, except the **Cheese**, for stewing, canning or for pies.

The **Connecticut Field** is a new fangled name, originated to give dignity to the **Cow** pumpkin or **Field** pumpkin. For stock feeding, the **Cow** pumpkins are the best; most farmers plant them with the corn. If the year is favorable, they will produce tons and tons to the acre. The boys must have the big ones for **Jack O' Lanterns** for **Hallowe'en**. They grow big, too, but if you want the biggest thing in the pumpkin line, use the **King of the Mammoth**; it evidently belongs to the **Mammoth Chili** type and I've seen them grow to weigh over two hundred pounds.

Prices, postpaid, Small **Sugar**, pkt., 5c; oz., 15c; lb., \$1.20. **Connecticut Field**, **Cow** **Pumpkin**, **Corn Field** **Pumpkin** or **Field**, pkt., 5c; oz., 15c; lb., 75c. **King of the Mammoth**, pkt., 5c; oz., 15c; lb., 95c.

How would you like to grow a two hundred pound pumpkin. I'm going to offer a prize of \$10.00 to the boy or girl under twenty-one years of age, who will grow the pumpkin that will weigh the most. Do you want to enter a pumpkin contest? Here's how.

EXTRA SPECIAL

Hoo-ray! Listen—since I began writing this catalog, a man telephoned me that he had two hundred bushels of **White** **Bottle** **Onion** Sets. I didn't suppose there was that many in the world, but he offered to sell them reasonable, and I bought them. They are for sale to our customers who have been wanting **Bottle** sets and couldn't get them. I feel very glad to be able to offer you these sets at such a reasonable price, and next year I hope we can supply you with all you want of sets and seed. For January, February and March, $\frac{1}{2}$ lb., 25c; lb., 50c; 3 lbs., \$1.35; peck, \$2.75.

Maybe you have had a time of it trying to grow pumpkins on account of the bugs. All kinds of bugs seem to be ready to eat vine crops. The best treatment I have ever found is **GARDITE**, and we are making a special introductory price. At this price our supply will not last long. Place your order now for what you will need.

GARDITE

THE UNIVERSAL INSECT REMEDY FOR RIDING YOUR GARDEN OF INSECT PESTS

So many of our customers ask us what to do for the different bugs, insects and worms that infest their gardens. We have tried out a number of preparations and we find, by careful experimenting, that **Gardite** is the most satisfactory insecticide we have tried out.

It rids the plants and vines of ants, bugs and worms without harming in the least the most delicate plants, but best of all, as we can see it, is the fact that it is not poisonous to human beings and can be kept around the house without the slightest danger to the children.

The use of **Gardite** will enable you to grow better and healthier vegetables, for it prevents their being damaged by insects, and enables your garden to produce to the best advantage. Also excellent for use on house plants and all flowers.

It is simple to use, merely dust it on the vegetables or flowers from the original can as it comes put up in handy sifter top cans ready for instant use.

On account of its being non-poisonous can be used freely on such vegetables as cabbage, lettuce, etc., without the slightest danger. Be sure and include a can or two with your order for seeds, for it will pay you to use this.

Price, 1-lb. can, 25c, postpaid. By freight or express, net prepaid, $\frac{1}{2}$ case, 12 1-lb. cans, \$1.75; per case, 24 1-lb. cans, \$3.00.



Hubbard
Squash.

Fine for
Baking.



Squashes

Most any kind of a squash is good to eat, if it's good, and there is a long list of them too, a lot of them hybrids, but most of them good. I'm not going to take time to tell you about all, but being a crank on squashes, I'll tell you about the ones I have tried out myself and have found to be good; they suit me and do well in Iowa, both in Washington and in Page counties. The **SUMMER CROOK NECK** has always been a favorite first, because it's a pretty thing and very early. It's not very good to eat but will do in a pinch. It looks nice and smells good. There is a bush scallop that looks different, a white, saucer shaped squash, very early and about the same grade as the **CROOK NECK**. But let me tell you about the **DELICIOUS**. It's a good keeper and is good to eat early in the fall, too. In color it's like the **HUBBARD**, only smooth, almost slick, nearly acorn shaped and about the size of a small **Hubbard**. Just split them, take out the seeds, bake well. There's absolutely nothing better not even a **HUBBARD**. I'm not going back on the **HUBBARD** though.

It's an old splen- quite equal to the **IMPROVED**, which is not so rough or warty and may be a little earier. Then the **WARTED HUBBARD**, which is hard as wood. You have to split them with an axe, it will keep all winter if you don't want to use it. The **GOLDEN** or **YELLOW HUBBARD** is as good as either, about the same thing only different color. Then if you want the biggest thing in the squash line, try the **MAMMOTH PUMPKIN**. I think they belong to the Chili family. I am not sure about that but I know they are both good stewed or for pies and I profess to be a judge of pumpkin pie, and they are big, frequently weigh two hundred pounds or more. There is one squash that the Farns catalog has not been listing, which I am going to add. That's the **WHITE CUSHAW**. I've been growing it for about twenty years and this Cushaw is good for anything that any other pumpkin or squash is good for and more. It has a long, solid neck, which is good fried same as beefsteak. Simply cut the slices about half an inch thick, peel them and fry. There is a similar squash, green and white striped. It's tolerably good, too, but the White one is the best thing in the squash line. **Prices**, **pkt., 5c; oz., 15c; 1/4 lb., 45c; lb., \$1.25, postpaid.**

YOU PLANT SEEDS TO GROW—OURS GROW.

Use **GARDITE**. Kill the vine eating insects. You will be surprised how much better your pumpkins and squashes will be. **Swat That Striped Bug.**

PARSLEY

CHAMPION MOSS CURLLED is the best variety of Parsley and produces tender foliage that is of fine flavor. Used for garnishing. **Price, pkt., 5c.**

GARDEN HUCKLEBERRY

You have heard the saying, no doubt, that "a half loaf was better than none." I often think of that saying when I think of the Garden Huckleberry. It has often been advertised as a thing of exceptional merit, it has been lied about, it has been criticised, and yet it keeps on growing very nicely and producing a lot of handsome fruit. Now I would not say that the Garden Huckleberry is the best thing in the world, but it will grow and produce well where many other things will not, and it is a lot better to have Garden Huckleberries than no fruit at all, because it is easy to grow a lot of them. They are beautiful and they are good to eat. When preserved and flavored with lemon they make an excellent supply for winter at little cost. One plant will frequently furnish three or four quarts of preserves. Start them early in the spring, transplant as soon as conditions are favorable. **Price, pkt., 10c; 3 pkts., 20c; 6 pkts., 35c.**

Our 50c Offer Money Saving Assortment of Garden Seeds

A collection of the best varieties of vegetables and one of real merit. Packet are full size containing new crop seed of highest germination possible to obtain and at this special price will effect you a real saving. Made up from the best varieties of vegetables with a big packet of sweet peas thrown in for good measure, and this will make an ideal city garden. Even if you have more room and require more seed, by all means include one of these collections for the children, and let them have a real garden of their own, and the practical information thus gained by them in gardening will be of great benefit to them, besides producing a fine lot of vegetables.

For only fifty cents we will send you one of these complete collections, consisting of twelve separate, full



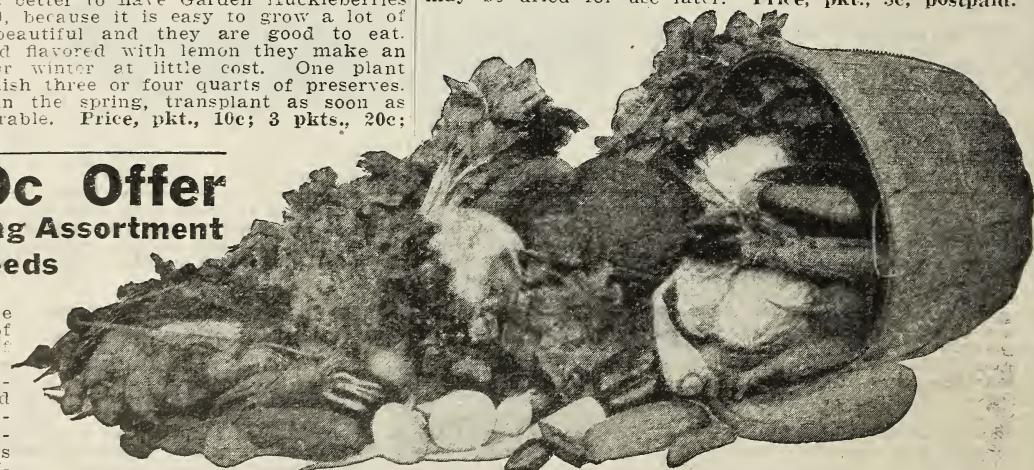
Cushaw Squash.

GROUND CHERRIES

Ground Cherries formerly were very easy to grow, in fact they grew voluntarily, would come up in the corn, along the fences, and produce nice big yellow fruits, and you had only to peel the outer husks off, which were large and loose, to have the "makin's" for Ground Cherry preserves—fit for a king or a farmer boy. **Price of seed, pkt., 10c; 3 pkts., 20c.**

DILL

Some people are crazy about Dill pickles, which cannot be obtained without the Dill. We can furnish you the seed and you can do the rest. Prepare your pickles in the ordinary way, using the Dill for flavoring only. The crushed seed or the green leaves may be used or the leaves may be dried for use later. **Price, pkt., 5c, postpaid.**



size packets of the following varieties:

1 pkt. Table Beets	1 pkt. Muskmelon
1 pkt. Carrots	1 pkt. Onion
1 pkt. Cabbage	1 pkt. Peas
1 pkt. Cucumbers	1 pkt. Radish
1 pkt. Sweet Corn	1 pkt. Tomatoes
1 pkt. Lettuce	1 pkt. Sweet Peas

Please send and include one of these with your order, we guarantee you will be pleased with it. **Twelve full size packets of the best varieties. Price, postpaid anywhere only 50c.**

Tomatoes

It's funny about Tomatoes. Great grandfather said they were poison and nobody used them. When I was a youngster, Tomatoes were treated with some degree of suspicion, most everyone grew a few of them but the chickens ate them same as they do now—and lived same as they do now. Since that time some wonderful varieties have been developed.

EARLIANA, BONNY BEST, CHALK'S EARLY JEWEL and **JUNE PINK**, four early, distinct varieties that you can't go wrong on—they are about as near perfection as you can get and all need some support.

The so-called tree tomato, so far as I have been able to tell, is the **DWARF CHAMPION**, which is very bushy and erect, a pretty thing of fair quality and always stands up alone until it goes down, which it always does as soon as it fruits heavily, although I've seen it ripen a crop on thin land where it did not grow big and stand up, but that's the time to get an enlarged photograph of it.

The **Livingstons** have devoted a great deal of time to the developing of tomatoes and deserve much credit for their attainments in this line; we list their **LIVINGSTON'S GLOBE**, its quality is outstanding, it's full of meat, rich, pink-purple, good shipper and good keeper. There are three that I want for our later Tomatoes and for an all purpose, utility Tomato they will meet your requirements.

The **STONE—NEW STONE—BRUNS NEW STONE**, call it what you please, it's the kind used by big canners more than any other because of its great productiveness, it's solid meat and small seed cavity and because it's a good keeper and shipper. Our stock is the best that shippers can produce.

The **PONDEROSA** has been grown for years as a second early, late and main crop Tomato; the fruit is large, sometimes almost rough or ribbed, but it's so big and good that these little imperfections are quickly overlooked. If plants are started early and plant growth stimulated, they may be had for early market.

The **RED ROCK** is a variety not as well known in the west as those just mentioned, but you should get acquainted with it this year; it has a better color than either the **Ponderosa** or **Stone**, is as smooth and meaty as the **Stone** and as early, maybe not as productive as the **Ponderosa**, but smoother. It's between the two and as good as either.

Some day I'll give you a white Tomato. I've been growing it for two years, it's different from the yellow and better, this year may decide whether it's worth while or not—so far we like it at home very much. I'll tell you about it next year.

The **GOLDEN QUEEN** is in all probability a **Yellow Ponderosa**. Describe a **Ponderosa**, call it yellow and you've got the **Golden Queen**.

Then there's the preserving and pickling sorts. You must not forget them. **RED CHERRY** or **GRAPE**, for ripe or green preserves or pickles, the **YELLOW CHERRY** to be used in the same way, and the **YELLOW PEAR** looks like figs when sun-dried or preserved and are fully as good as figs.

Bruns Earliana	Golden Queen
Bonny Best	Red Cherry
Early June Pink	Yellow Cherry
Dwarf Champion	Yellow Pear
Ponderosa	Red Rock

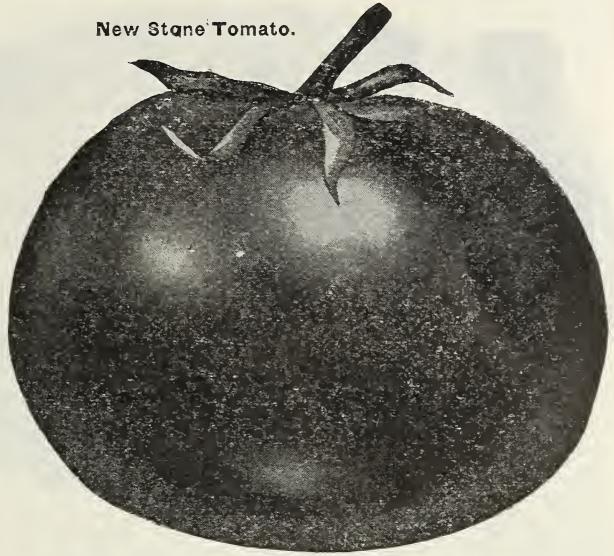
New Stone

Livingston's Globe

Pkt., 5c; oz., 30c; $\frac{1}{2}$ lb., \$1.85, postpaid.

Ask for special prices to Market Gardeners.

New Stone Tomato.

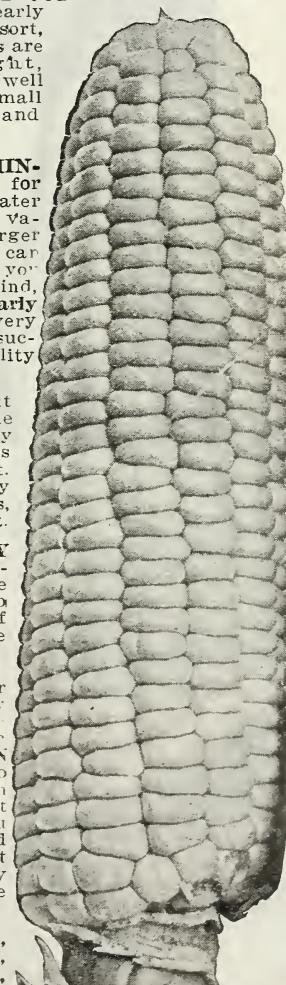


Sweet Corn

What kind of Sweet Corn do you like, early or late, white or yellow, straight row or zig-zag or some of each? We've got them all. You plant the seeds to grow. Ours grow. There are a few varieties that are household names.

GOLDEN BANTAM needs no introduction. It's always early, well filled and sweet, and a sure crop.

WHITE COB CORY heads the list as an early white sort, the rows are straight, kernels well filled, small ear, sweet and juicy.



The **EARLY MINNESOTA** is ready for use just a little later than the above varieties, a little larger and one that you can depend on. If you only plant one kind, it should be **Early Minnesota**. Plant every two weeks for a succession, the quality

is all that you may desire.

There is one variety, however, about which we make a lot of noise, that's the **OREGON EVERGREEN**. In size it's nearly as big as the Stowell's, and it produces fully as much, is beautiful and good to eat. The Seed Grows. It may not be absolutely worm proof, but owing to the heavy husks, the worms will eat up other varieties first.

I'm not going to pass up the **COUNTRY GENTLEMAN**, for it has always been a favorite and the strain of seed is the best we ever had. The Country Gentleman is also called **Zig-Zag**, **Shoe Peg** and all sorts of nicknames, but that does not affect the quality.

GOLDEN BANTAM has been a variety for years that people wanted. It is really worth while, but not very large and so someone has originated a man's size **Golden Bantam**, which goes by the name of **GOLDEN EVERGREEN**. **Golden Evergreen** is not so new, although some are still carrying it in the novelty line, but it's just exactly what it's name implies. **Golden Evergreen**, if you could imagine a yellow Stowell's you would have it. Plant it the same time you plant other corn and then make plantings every week or ten days and you will have a fine succession.

Price, **Golden Bantam**, **White Cob Cory**, **Early Minnesota**, **Stowell's Evergreen**, **Country Gentleman**, **Golden Evergreen**, pkt., 5c; $\frac{1}{2}$ lb., 18c; 1b., 30c; 3 lbs., 85c, postpaid. By express, you to pay charges, 18c per lb.

Golden Bantam.



Bruns Earliest.

are good the Crimson Giant is good. When the weather gets dry and hot they get pithy, same as any radish. During their season, though, the big, beautiful, crisp, solid Crimson Giant will please you, I know.

And then for a later one (although all radishes should be early or late), use the **WHITE ICICLE**. Sometimes the Icicle grows to considerable size, but from the time they are first big enough to eat until the weather gets warm, they are sure par-excellent. On the market they sell well, only the dainty hotels (where you get stacks of style and little eats and pay a lot for it), think they are too big, but if you want radishes to eat, the Icicle will suit you.

The **EARLY ROUND DARK RED**. It's not quite as popular as the rest, because if the weather is not good it gets hard or woody. Under favorable conditions it is crisp, good, and all right, only it's hard to bite. That's enough of the main crop varieties. If you can't get one out of that bunch to fill the bill, write me and I'll tell you about a lot more. But I do want to tell you about the winter varieties, they are not used much because folks forget them, do not plant at the right time and so they are failures; the seed is blamed for it.

Winter radishes are all right if you treat them right, but they should be planted same as fall turnips (twenty-fifth day of July, sow your turnips, wet or dry). If you plant winter radishes early, they make seed and quit. Before freezing weather begins, dig them and put them away, packed in soil, along in the winter they get good, but are so large that one will make several meals for a family. I've seen them as big as twelve pounds.

The **ROSE CHINA** is the smallest one, a pale red, blending to white at the tip, flesh clear, white and crisp.

The **BLACK SPANISH** is an old variety, probably the first one used in America. It don't get good till nearly spring and is the best variety to hold in storage.

Then there is one that came to this country some fifteen or twenty years ago, a big fuss was made over it at the time, but while it is a real good radish, it has never recovered from the shock of the introduction. It's probably the largest radish in the world

today, easy to grow, good keeper, very crisp and good to eat, but the name is an awful thing and

may have something to do with the way in which it has been disregarded. **JAPANESE GIANT** or **SAKURAJIMA**. Just say **JAPANESE RADISH** and I'll know what you mean; you ought to try a package this year, it's worth while.

YOU PLANT SEEDS TO GROW—OURS GROW.

Bruns Earliest	White Icicle
Bruns Sparkler	Crimson Giant
Early Scarlet Globe	French Breakfast
Early Scarlet Turnip	Rose China Winter
Early Scarlet Turnip White Tip	Black Spanish
Early Round Dark Red	Japanese Winter or Sakurajima

Price, pkt., 5c; oz., 15c; $\frac{1}{2}$ lb., 50c. Ask for five-pound prices and special prices to market gardeners.

Turnips and Rutabagas

My favorites are **EARLY MILAN**, **PURPLE TOP STRAP LEAF**, and the **AMERICAN PURPLE TOP RUTABAGAS**. The others may be as good. Here's the list.

Turnips—Purple Top Globe, Purple Top Strap Leaf, Early White Milan, Early Snowball. Rutabagas—American Purple Top, Large White Sweet.

Prices, postpaid, pkt., 5c; oz., 15c; $\frac{1}{2}$ lb., 45c; lb., 75c; 5 lb. quantities or more, you to pay transportation, 60c per lb.

Any time you want to purchase a big order, send in the list of your requirements and let me figure it over, I can nearly always do you some good.

Radishes

Here's something that is interesting to grow, and everybody likes radishes because they are pretty and because they snap when you bite them and there are so many kinds you can take your pick or get some of each. The early ones will nearly always be ready to use in a month from the time they are planted unless you plant them the fall before which is not a bad plan.

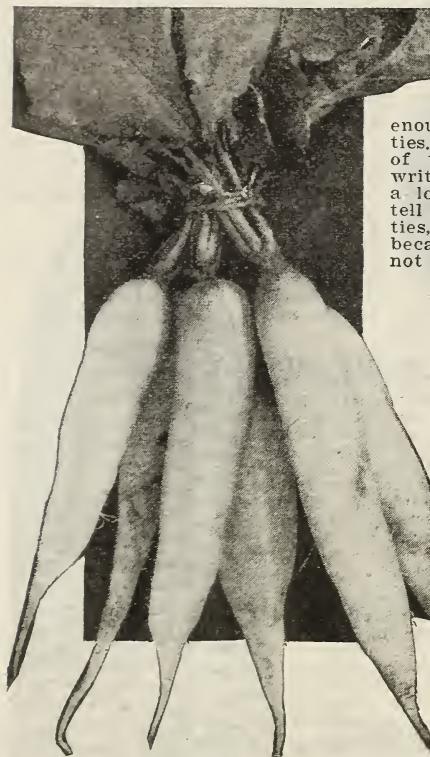
The **BRUNS EARLIEST** is at the top of the list again this year, no better one for the market or home garden, solid as a nut, true oval shape, fine red in color, small ap root. You simply can't beat it.

EARLY SCARLET GLOBE is a bright scarlet, olive shape, meat is white, crisp and good; it's early, too.

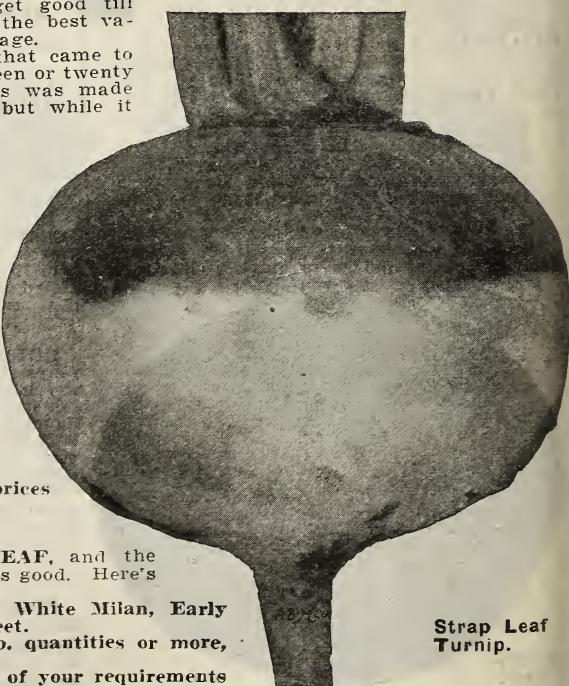
EARLY SCARLET WHITE TIP is a favorite, partly on account of its beautiful appearance, top half or more is bright crimson, bottom part is white, this is a distinctive type.

FRENCH BREAKFAST is just a little later than some, but is still a member of the early family; not one of the globes, though, and yet not a long radish, just nice and plump; it's a dark red, shading to clear white at the tap root, which is small.

The **CRIMSON GIANT** is truly a wonderful radish. It belongs to the globe or turnip tribe and is big. Now you must not expect radishes to be good all summer, many times they are, when the summer is cool and wet, but as long as radishes

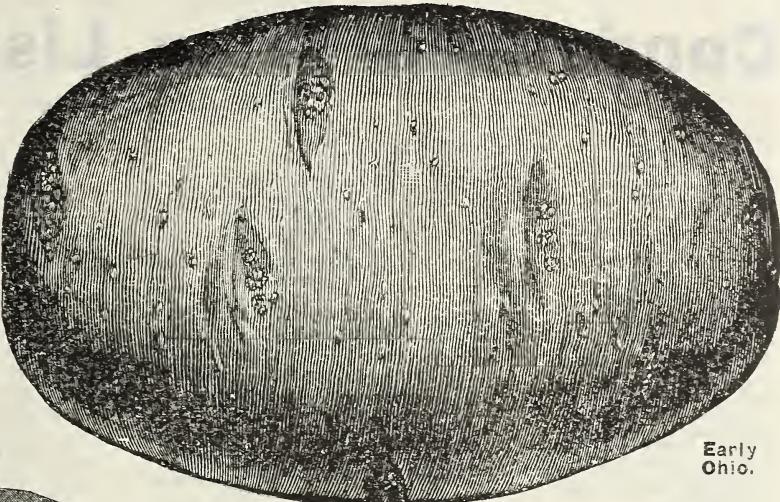
Scarlet Turnip
White Tip.

White Icicle.

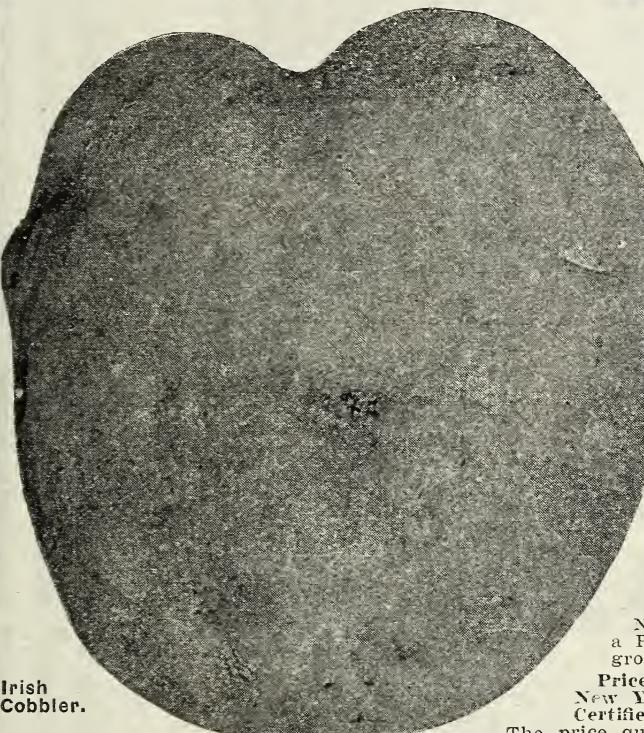
Strap Leaf
Turnip.

POTATOES

We have been going over the situation very carefully all fall in regard to Potatoes and I have had quite a lot of catalogs from other firms and I have studied regarding the merits of the different varieties of Potatoes; after this investigation here is the conclusion that I have come to. First of all, our customers want Potatoes to plant either for food or for selling to others, for that purpose, and you want them for either early, midsummer or late use and you want some that will keep through the winter. Now, I can't think of anything else that our folks would want potatoes for. This being true, I have decided that there is no sense in cataloging so many different varieties. If you want a potato for early use, there is absolutely no better than the **RED RIVER GROWN CERTIFIED EARLY OHIO**; that is a fact admitted by all seed dealers and market gardeners. Please notice that I said "Certified" and that the certified tag should accompany every bag, which should



Early Ohio.



Irish Cobbler.

read: "This seed stock has been inspected by a duly authorized agent of the State of Minnesota Department of Agriculture and meets the prescribed standards relative to freedom from disease and varietal purity."

The grower of this seed stock is required to sort the potatoes in conformity to Minnesota Grade No. 1 before he is entitled to use this tag.

The State of Minnesota Department of Agriculture is relieved of responsibility for any undesirable condition which may have developed since the final inspection and if this seal is broken." That's what it means to be certified and that is worth something to you; our stock is all certified. If you want the **EARLY SIX WEEKS** Potatoes, I don't see anything to hinder you from picking out the smaller ones, (not the little ones) that are nice and smooth, from the **Early Ohios** and plant them, you can call them **Early Six Weeks** Potatoes if you want to.

The **IRISH COBBLER** is a potato that has been making good for years and years. There is nothing new or startling about it, except that it's a good early Potato and will keep on growing until midsummer, if conditions will permit, making it equally good for a fall or winter variety, and it is a good keeper and good to use from the time it is big enough. The **Cobbler** goes by many other names and if you prefer to have us call it by some other name, tell us when you order, and we will label it to suit you.

Same with the **RURAL NEW YORKER**, it is one of the best late Potatoes, perhaps the best of the whole list, and if it were not for the fact that it is a well established variety, I am afraid its own parents would not recognize it when called by so many other names.

Now these three varieties will meet all the requirements of a Potato grower, whether he be a market gardener or just growing Potatoes for his own use.

Prices for the Certified Red River Early Ohio, Certified Rural New Yorker, pk., 50c; $\frac{1}{2}$ bu., 90c; bu., \$1.50. Price for the Certified Irish Cobbler, pk., 60c; $\frac{1}{2}$ bu., 95c; bu., \$1.60.

The price quoted on Potatoes

in pecks, half bushels, bushels and larger quantities, is not postpaid; you must pay the transportation charges and you should state on your order whether you desire to have them go by parcel post, express or by freight.

POTATO EYES BY MAIL

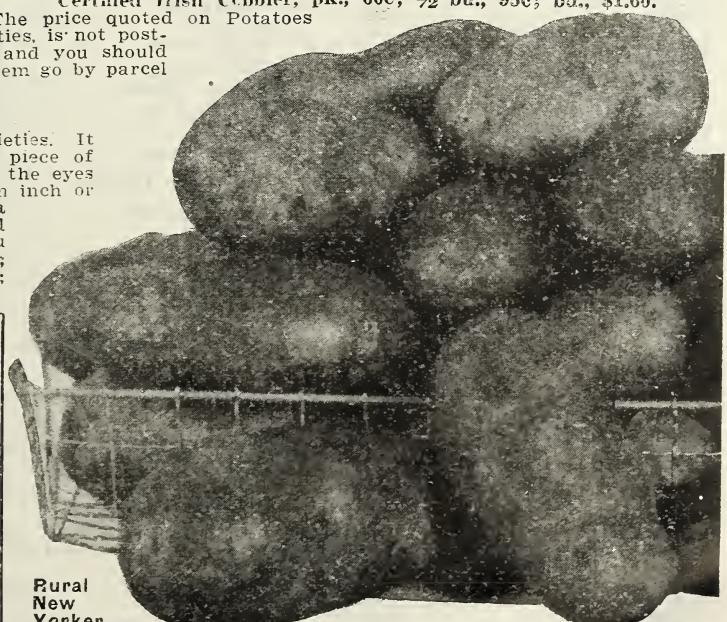
Then we have cut Potato eyes of all these varieties. It is sort of a gun-wad proposition. You take a piece of iron, like a great big gun-wad cutter and punch the eyes out and have pieces containing the eyes about an inch or an inch and a quarter in diameter and from a half inch to an inch deep. These are packed in boxes, well wrapped, guaranteed to reach you safely by mail. Price, postpaid, 25 eyes, 55c; 50 eyes, 85c; 100 eyes, \$1.65; 300 eyes, \$4.75; 1,000 eyes, \$7.85.

GROW NEW VARIETIES OF

POTATOES

from the True Seed Ball Seed. There's money in it, and fun galore. No product so interesting—none may be of such value. The result will be amazingly diversified—potatoes of all conceivable colors, shapes and sizes—fifty or more new varieties. One may make your fortune. This may be your last chance to obtain this rapidly vanishing seed. Please tell your friends.

PKT., WITH FULL DIRECTIONS FOR GROWING, 15c; 4 FOR, 50c; 10 FOR \$1.00.



Rural New Yorker.

Condensed Price List and Index

Vegetable Seeds

Page		Pkt.	Oz.	1/4 lb.
3	ASPARAGUS			
	Bonvall's Giant	\$.05	.20	.45
3	Columbian Mammoth	\$.05	.20	.45
3	Conover's Colossal	\$.05	.20	.45
3	Palmetto	\$.05	.20	.45
3-43	Asparagus plants, doz., \$	.50	100	\$3.00
4-5	BEANS (Green Pod Bush)	Pkt. 1/4 lb.	1 lb.	

4	Burpee's String-less Green Pod	\$.05	.15	.35
4	Bountiful	\$.05	.15	.35
4	Brun's All Seasons	\$.05	.15	.35
4	Red Valentine	\$.05	.15	.35
4	Red Kidney (Green Pod Pole)	\$.05	.15	.35
4	Speckled Cutshort	\$.05	.15	.35
4	Kentucky Wonder (Yellow Pod Bush)	\$.05	.15	.35
4	Improved Golden Wax	\$.05	.15	.35
4	Davis White Wax	\$.05	.15	.35
4	Golden Cluster Wax (Yellow Pod Pole)	\$.05	.15	.35
5	Kentucky Wonder Wax (Bush Lima)	\$.05	.15	.35
5	Improved Bush Lima	\$.05	.15	.35
5	Henderson's Bush Lima (Pole Lima)	\$.05	.15	.35
5	King of the Garden	\$.05	.15	.35
5	Navy Beans	\$.05	.15	.35
6	BEETS (Table)	Pkt. Oz. 1/4 lb.		

6	Brun's Blood Red	\$.05	.15	.25
6	Egyptian	\$.05	.15	.25
6	Detroit	\$.05	.15	.25
6	Edmand's (Sugar)	\$.05	.15	.25
6	Klein Wanzeleben (Stock)	\$.05	.15	.25
6	Mammoth Long Red	\$.05	.15	.25
6	Yellow Mangold	\$.05	.15	.25
6	Sludstrup	\$.05	.15	.25
7	Brussels Sprouts	\$.05		
7	CABBAGE (Early Pointed Head)	Pkt. Oz.		

7	Jersey Wakefield	\$.10	.40	
7	Charleston Wakefield (Early Flat Head)	\$.05	.25	
7	Flat Dutch	\$.05	.25	
7	Copenhagen	\$.05	.25	
7	Enkhuizen	\$.05	.25	
7	All Head Early (Late Flat Head)	\$.05	.25	
7	Late Flat Dutch	\$.05	.25	
7	Danish Ballhead	\$.05	.25	
7	Autumn King	\$.05	.25	
7	CARROTS	Pkt. Oz. 1/4 lb.		

3	Golden Beauty	\$.07	.20	.45
3	Oxheart	\$.07	.20	.45
3	Danver's Half Long	\$.05	.15	.35
3	Long Orange	\$.05	.15	.35
3	CAULIFLOWER	Pkt. Oz.		

3	Snowball	\$.15	2.00	
3	Erfurt	\$.15	2.00	
3	Dry Weather	\$.15	2.00	
3	CELERY	Pkt. Oz.		

3	Golden Self Blanching	\$.05	.05	.40
3	White Plume	\$.05	.05	.40
3	Giant Pascal	\$.05	.05	.40
3	Celeriac	\$.05	.05	.40
7	CHINESE CABBAGE	Pkt. \$.15; Clump .50		

12	CHIVES	Pkt. \$.15; Clump .50		
17	CORN (SWEET)	Pkt. 1/2 lb. 1 lb.		
17	Golden Bantam	\$.05	.18	.30
17	White Cob Cory	\$.05	.18	.30
17	Early Minnesota	\$.05	.18	.30

17	Stowell's Evergreen	\$.05	.18	.30
17	Country Gentleman	\$.05	.18	.30
17	Golden Evergreen	\$.05	.18	.30
17	Oregon Evergreen	\$.05	.18	.30
8	CRESS or PEPPER GRASS	\$.05		

8	CUCUMBERS	Pkt. Oz. 1/4 lb.		
8	Chicago Pickling	\$.65	.15	.40
8	Early Russian	\$.05	.15	.40
8	Early Fortune	\$.05	.15	.40
8	Davis Perfect	\$.05	.15	.40

8	Long Green	\$.05	.15	.40
8	Japanese Climbing	\$.07	.20	.65
27	BLUE GRASS	bu. 100 lbs		

26	ALFALFA	bu. 100 lbs		
26	Dakota	\$15.00	25.00	
26	Kansas Nebraska	15.00	25.00	
26	Grimm	24.00	60.00	
28	EARLEY	bu. 10 bu.		

28	Oderbrucker	\$1.60	13.50	
		100		
28	BEANS (Soy)	bu. lbs.		
28	Marcho	\$.44	6.66	
28	Black Sable	4.00	6.66	
28	Mongol	4.00	6.66	
28	Black Eyebrow	4.00	6.66	
28	Ito San	4.00	6.66	
28	Medium Yellow	4.00	6.66	
26	BUCKWHEAT			

26	Japanese	\$.26	5.00	
26	Silver Hull	2.60	5.00	
27	CANE SEED			

Page		Pkt.		
16	DILL	.....	\$.05	
7	EGG PLANT	Pkt. Oz.		
7	New York Purple	\$.10	.40	
7	Black Beauty	\$.10	.40	
9	ENDIVE	.....	.05	
6-8-15	GARDITE (kills bugs)	.....	.25	1.75 3.00
9	GARDEN LEMON	.....	\$.05	.25
16	GROUND CHERRIES	.....	.10	
16	GARDEN HUCKLEBERRIES	.....	.10	
8	GOURDS (mixed)	.....	.10	
33	LAWN GRASS, lb. 60c--2nd grade, lb.	45c		
12	LEEK	.....	.05	
9	LETTUCE	Pkt. Oz. 1/4 lb.		
9	Brun's Golden Heart	\$.07	.20	.60
9	Brun's Early Prizehead	\$.07	.20	.60
9	Grand Rapids	\$.05	.20	.45
9	Early Curled Simpson	\$.05	.20	.45
9	Improved Hanson	\$.05	.20	.45
9	May King	\$.05	.20	.45
9	Black Seeded Simpson	\$.05	.20	.45
9	New York or Wonderful	\$.05	.20	.45
9	California Cream Butter	\$.05	.20	.45
9	Big Boston	\$.05	.20	.45
10	MUSKMELON	Pkt. Oz. 1/4 lb.		
10	Brun's Earliest	\$.10		
10	Horey' Dew	\$.07	.20	.60
10	Paul Rose	\$.07	.20	.60
10	Hackensack	\$.05	.15	.45
10	Rocky Ford	\$.05	.15	.45
10	Banana	\$.05	.15	.45
10	Emerald Gem	\$.05	.15	.45
10	Osage	\$.05	.15	.45
8	MUSTARD	Pkt. Oz.		
8	Mustard for Greens	\$.05	.20	
8	White	\$.05	.20	
8	Black	\$.05	.20	
12	ONIONS (Seed)	Pkt. Oz. 1/4 lb.		
12	Brun's Prizetaker	\$.07	.25	.75
12	Mountain Darvers	\$.07	.25	.75
12	Red Wethersfield	\$.05	.25	.50
12	Australian Brown	\$.05	.25	.50
12	Large Red Globe	\$.05	.25	.50
12	Southport White Globe	\$.05	.25	.50
12	Southport Yellow Globe	\$.05	.25	.50
12	Mammoth Silver King	\$.05	.25	.50
12	Yellow Globe Danvers	\$.05	.25	.50
12	Brun's White Pickling	\$.05	.35	.90
12	Yellow Bottle	.....	.25	
12	ONION SETS	1/2 lb. 1 lb. 3 lb.		
12	Red Bottom sets	\$.15	.30	.75
12	Yellow Bottom Sets	\$.15	.30	.75
12	White Bottom sets	\$.15	.30	.75
15	White Bottle Onion sets	\$.25	.50	1.25
12	Yellow Bottom Onion sets	\$.50		
14	PARSNIPS	Pkt. Oz. 1/4 lb.		
16	PARSLEY	Champion Moss Curled	.....	.05
8-14	PEANUTS	1/4 lb. lb.		
13	PEAS	Pkt. 1/4 lb. 1 lb.		
13	Brun's Earliest	\$.05	.15	.40
13	Alaska	\$.05	.15	.40
13	Little Marvel	\$.05	.15	.40
13	American Wonder	\$.05	.15	.40
13	Premium Gem	\$.05	.15	.40
13	Lextonian	\$.05	.15	.40
13	Gradus	\$.05	.15	.40
13	Thomas Laxton	\$.05	.15	.40
13	Stratagem	\$.05	.15	.40
13	Champion of England	\$.05	.15	.40
13	Telephone	\$.05	.15	.40
13	Nott's Excelsior	\$.05	.15	.40
14	PEPPERS	Pkt. Oz.		
14	Chinese Giant	\$.05	.50	
14	Ruby King	\$.05	.50	
6-14	Mexican Bouquet	.....	.05	.50
14	Pimento	.....	.05	.50
14	Long Red Cayenne	.....	.05	.50

Field Seeds

Page		bu.	100	100
27	BLUE GRASS	bu.	Ibs.	
27	Kentucky (14 lbs.)	Ask for prices		
28	CANE SEED			
28	Fodder		\$3.25	6.50
28	Black Amber Syrup		7.50	15.00
28	Eldridge Syrup		7.50	15.00
28	Red Amber Syrup		7.50	15.00
28	Jap Ribbon Syrup		7.50	15.00
28	Heads of Syrup varieties, 12 for \$1.00.			
28	Postpaid price on lb., 3 lb., 5 lb.			
28	Syrup varieties, 30c, 80c, 125c.			
26	CLOVER			
26	Medium Red		\$15.50	25.75
26	Mammoth Red		16.50	27.50
26	Atsike		14.00	23.33
26	White Dutch (Ask for prices.)			
27	CLOVER (Sweet)			
27	White Blossom			\$9.50
27	Yellow Blossom			15.00
27	Huban (Annual, per lb., 60c.)			
22-23-24-25	CORN (Main Crop)	bu.	5 bu.	
22	Brun's Improved		lots	
22	Yellow Dent			\$3.25
22	Improved Yellow Dent			3.25
22	Mortgage Lifter			3.25
22	Leaming			3.25
22	Iowa Goldmine			3.25
22	Iowa Silvermine			3.25
22	Boone County White			3.25
22	Johnson County White			3.2

Field Seeds—Continued

Page	(CORN—Continued)	5 bu.	100 bu. lots	100 bu. lbs.	Page	SOY BEANS	bu. lbs.
	(Early)					Marchu	\$4.00 6.65
	Brun's Ninety Day	3.25 3.00				Black Sable	4.00 6.65
	Pride of the North	3.25 3.00				Mongol	4.00 6.65
	Silver King	3.25 3.00				Black Eyebrow	4.00 6.65
	Longfellow Flint	3.25 3.00				Ito San	4.00 6.65
	King Philip Flint	3.25 3.00				Medium Yellow	4.99 6.65
	Minnesota No. 13	3.25 3.00					
	(Ensilage)					SPRING WHEAT	2.49
	Leaming	2.00				(Early Java)	
	Mammoth White	2.00				SUDAN	Ask for prices
		100 lbs.				White Blossom	\$9.50 15.80
28	CORN (KAFFIR)	\$5.25				Yellow Blossom	9.00 15.00
28	DWARF ESSEX RAPE	\$10.50				Hubam, per lb., \$.75.	
28	FETERITA	\$ 5.25				Grundy County	\$11.00
	GRASS SEED	Ask for prices					
27	Kentucky Blue Grass	Ask for prices					
27	Orchard Grass	Ask for prices					
27	Red Top	Ask for prices					
28	Sudan Grass	Ask for prices					

Plants

Page	ACHILLEA	\$.25 each	37 FERNS	BOSTON	\$.25 each	Page	LILAC (Summer Blooming)	\$.20 each
41	ANEMONES	\$.35 each		Ostrich Plume	.25 each	33	LEMON PLANT	
43	ASPARAGUS	\$.55 per doz., \$3.50 per 100		Newport	.30 each	41	LUPINUS	.30 each
41	BABY'S BREATH	\$.30 each		FEARNS (Hardy)		35	ORANGE PLANT (Dwarf)	\$.30 each
41	BARBERY (Japan)	\$.14 each		Lace Fern	\$.25 each	42	ORIENTAL POPPY	\$.25 each
44	BERRIES			Feather Fern	.20 each	33	PEONIES	cach doz.
	BLACKBERRIES	each doz.		Hardy Fern	.45 each		Festiva Maxima	\$.50 2.25
	Early Harvest	\$.15 .90		42 FORGET-ME-NOT (Hardy)	\$.21 each		Richardson's	
	Eldorado	.15 .90		41 FORSYTHIA (Golden Bell)	\$.10 each		Rubra Superba	.90 9.00
	Snyder	.15 .90		42 FOXGLOVE	.25 each		Edulis Superba	.50 5.25
	Himalaya	.15 .90		37 FUCHSIAS			American Beauty	.80 8.00
	Dewberries	\$.20 .10 .50		Pheromeral	\$.24 each		Crimson Queen	.80 8.00
	Loganberries	\$.35		Wave of Life	.24 each		Queen Victoria	.80 8.00
	RASPBERRIES			Gloire des Marches	.24 each		Felix Creuse	1.00 10.00
	Gregg	\$.15 1.25		Speciosa	.24 each		Unnamed White, Red. Pink	.40 4.00
	Kansas	.15 1.25		Black Prince	.24 each	40	PANSIES	\$.50 per doz.
	Cuthbert	.15 1.25				37	PETUNIAS (Double)	\$.25 each
	St. Regis	.15 1.25				41	PRIMROSE (Giant Hardy)	\$.25 each
	Strawberry-Raspberry	.35				42	PHLOX (Hardy)	
13	STRAWBERRIES			GAILLARDIA			Elizabeth Campbell	\$.35 each
		\$.60 per doz., \$2.00 per 100		Gradiolata			Bridesmaid	.35 each
	Chesapeake	.60 per doz., 2.00 per 100					R. P. Struthers	.35 each
	Premier	.60 per doz., 2.00 per 100		GERANIUMS			Von Lassburg	.35 each
	Dr. Burrill	.60 per doz., 2.00 per 100		(DOUBLE)			Coquecicot	.35 each
	Ford	.60 per doz., 2.00 per 100		S. A. Nutt	\$.25 each	41	PLUMBAGO (Hardy)	\$.50 each
	Big Joe	.60 per doz., 2.00 per 100		Jean Vaud	.20 each	37	PLUME PLANT	
	Kellogg's Prize	.60 per doz., 2.00 per 100		Buchner	.20 each		Brazilian	\$.30 each
	Wm. Belt	.60 per doz., 2.00 per 100		Mrs. Lawrence	.20 each	36	ROSES	
	Warfield	.60 per doz., 2.00 per 100		Alphonse Ricard	.20 each		(HARDY CLIMBING)	
	Sen. Dunlap	.60 per doz., 2.00 per 100		Jean Oberle	.25 each		Climbing American Beauty, 1 yr.	\$.30
	Brandywine	.60 per doz., 2.00 per 100		(FANCY LEAVED)			Thousand Beauties, 1 yr.	.25
	Haverland	.60 per doz., 2.00 per 100		Happy Thought	.26 each		Crimson Rambler, 1 yr.	.20
	Grundy	.60 per doz., 2.00 per 100		Golden Tricolor (Mrs. Pollock)	.30 each		Blue Rambler, 1 yr.	.25
	Glen Mary	.60 per doz., 2.00 per 100		Silver Leaved (S. A. Nutt)	.25 each		Paul's Scarlet Climber, 1 yr.	.30
	Aroma	.60 per doz., 2.00 per 100		(SWEET SCENTED)			White Dorothy Perkins, 1 yr.	.20
	Everbearing			Cut Leaf Rose	.25 each		Shower of Gold, 1 yr.	.30
	Superb and Progressive	.45 per doz., 3.00 per 100		Balm	.25 each		Dorothy Perkins, 1 yr.	.25
41	BOSTON IVY	\$.25 each		Lady Mary	.25 each		(EVERBLOOMING MONTHLY)	
41	BRIDAL WREATH	\$.35 each					White Maman Cochet, 1 yr.	.20
41	BUSH HONEYSUCKLE—(Pink)	\$.40 each					Mad. Colette Martinette, 1 yr.	.20
38	BEGONIAS						Phebe Reid, 1 yr.	.20
	King of Rex	\$.40 each					Sunburst, 1 yr.	.30
	Beefsteak	.30 each					Columbia, 1 yr.	.30
	Coralline Lucerne	.30 each					Ophelia, 1 yr.	.30
	Argentea Guttata	.40 each					Kaiserin Augusta Victoria, 1 yr.	.20
	Hardy	.30 each					Killarney, 1 yr.	.25
42	CAMPANULA—(Canterbury Bells)	.25 each					Etoile de France, 1 yr.	.20
37	CARNATIONS						American Beauty, 1 yr.	.30
	Matchless	\$.25 each					(HYBRID PERPETUAL)	
	Bacon	.25 each					Madam Chas. Wood, 1 yr.	.30
	Enchantress Supreme	.25 each					White American Beauty, 1 yr.	.35
	Gaiety	.25 each					Paul Neyron, 1 yr.	.30
37	CARNACTIONS (Hardy)						Gen. Jacqueminot, 1 yr.	.30
	Abbotsford	\$.25 each					Gloire Brussels, 1 yr.	.30
	Her Majesty	.25 each					Gloire Lyonnaise, 1 yr.	.30
	Homestead	.25 each					Clio "Peony Rose", 1 yr.	.30
38	CHRYSANTHEMUMS						(FLOWERING BUSH ROSES)	
	Dolly Dimple	\$.25 each					O'Bear, 1 yr.	.25
	Roman Gold	.25 each					Baby Doll, 1 yr.	.25
	Ivory	.25 each					Ellen Poulsen, 1 yr.	.25
	Chieftain	.25 each					George Elger, 1 yr.	.25
	Fireball	.25 each					Jessie, 1 yr.	.25
38	CHRYSANTHEMUMS (Hardy)						Baby Rambler, 1 yr.	.25
	Homestead	\$.25 each					(HARDY MOSS ROSES)	
	Miss Frances Collier	.25 each					Crimson Globe, 1 yr.	.35
	Indian	.25 each					Elizabeth Rowe, 1 yr.	.35
	Nice Howell	.25 each				43	RHUBARB	Two year 3 for \$.25
							One year 2 for .25	
42	CHINESE BELL FLOWER	\$.30 each						
37	CINERARIA					41	SNOWBALL	\$.40 each
	Giant	\$.32 each				37	SNAKE PLANT	.30 each
40	CINNAMON VINE	.14 each				41	SPIREA BILLIARDII	\$.35 each
	Paniculata	.25 each				43	STRAWBERRIES	
	Coccinea	.75 each						\$.60 per doz., \$2.00 per 100
37	COLEUS					41	SWEET PEAS (Climbing)	\$.40 each
	Christmas Gem	\$.25 each				41	SWEET SCENTED SHRUB	\$.40 each
38-39-40	COLLECTION OF PLANTS					42	SWEET WILLIAM	\$.25 each
	CONE FLOWER					42	SPEEDWELL (Veronica)	\$.30 each
42	COLUMBINE (Aquilegia)	\$.24 each				41	SVALIA (Hardy)	\$.30 each
	DAISY					40	TUBEROUS BEGONIAS	
41	Shasta	\$.20 each				42	TRITOMA	
	Painted Daisies	.30 each						
41	DELPHINIUM	.35 each				40	UMBRELLA PLANT	\$.18 each
41	DEUTZIA					41	VIOLET	
	Pride of Rochester	\$.35 each				42	Sweet Scented	\$.24 each
42	EULALIAS	\$.60 each				37	Marie Louise	.22 each

Flower Seeds

Page		Page		Page	
28	ACROCLINIUM (Everlasting Straw Flowers)	.07	29	CLEMATIS Paniculata	.10
28	ALYSSUM Little Gem	.05	29	DAHLIAS (Seed)	.06
28	AGERATUM Little Blue Star	.05	29	DAISIES, I., Shasta	.10
28	BALSAM (Lady's Slipper)	.06	29	DELPHINIUM (Hardy Larkspur)	.05
28	BACHELOR'S BUTTONS	.06	29	DIANTHUS (Hardy Garden Pinks)	.05
28	BALLOON VINE	.07	29	DIGITALIS (Foxglove)	.05
28	BLANKET FLOWER See Gaillardia	.06	29	DAISY Bellis	.06
28	BUTTERFLY FLOWER See Schizanthus	.07	29	FEVERFEW	.06
28	CALLIOPSIS or COREOPSIS	.05	29	FORGET-ME-NOT	.05
28	COLUMBINE	.06	29	FOUR O'CLOCK	.05
28	CANDYTUFT White Empress	.05	29	FOUNTAIN PLANT	.10
28	Mixed	.05	29	GAILLARDIA (Blanket Flower)	.06
28	CANTERBURY BELLS	.03	29	GODETIA	.05
28	CARDINAL CLIMBER	.06	29	GERANIUM	.07
28	CANARY BIRD VINE	.05	29	HELIOTROPE	.06
28	CARNATIONS	.06	29	HOLLYHOCKS	
28	CASTOR BEANS	.05	29	New Annual Everblooming	.07
28	CHRYSANTHEMUMS Annual Double White	.06	29	HYACINTH BEAN	.05
28	CELOSIA (Coxcomb)	.05	29	JOB'S TEARS	.06
28	CHINESE WOOLFLOWER Thomsoni	.06	29	KOCHIA (Mexican Fire Bush)	.05
29	COLEUS	.10	29	LOBELIA	.06
29	COSMOS Giant Late Flowering	.06	29	MARIGOLD	
29	Giant Early Flowering	.06	29	Dwarf French	.05
29	CYPRESS VINE	.05	29	Tall African	.05
			29	MIGNONETTE	.05
			29	MORNING GLORY	.05
			29	MOONFLOWER	.05
			29	NASTURTIUMS	
			29	Dwarf Tom Thumb	.05
			29	Climbing	.05

Bulbs

Page		Page		Page	
40	BEGONIAS (Tuberous Rooted)	\$.34 each	34-35	GLADIOLI	each doz.
40	CALLA LILY	.20 each	America	\$.07	.65
40	CALADIUM	.18 each	Chicago White	.08	.75
35	CANNAS	each doz.	Halley	.07	.65
	King Humbert	\$.20 1.75	Mrs. Francis King	.08	.75
	Wyoming	.20 1.75	Niagara	.10	1.00
	Yellow Humbert	.20 1.75	Schwaben	.12	.25
	Indiana	.20 1.75	Baron Hulot	.12	.25
	Fire Bird	.20 1.75	War	.12	.25
	Marvel	.20 1.75	Panama	.07	.80
	Hungaria	.20 1.75	Principes	.10	1.00
33	DAHLIAS		Empress of India	.10	1.00

Birds and Pets

Page		PARROTS	each	SONG RESTORER	\$.15 per pkg.
36-37	CANARIES	each		MOULTING FOOD	.20 per pkg.
	ST. ANDREASBURG ROLLERS			BIRD MANNA	.15 per pkg.
	Imported Males	\$10.00		CANARY HIGHBALL	.15 per pkg.
	Domestic Males	10.00		BIRD GRAVEL	.15 per pkg.
	Imported Females	3.00		BIRD TONIC	.25 per pkg.
	Domestic Females	2.00		MITE POWDER	.25 per pkg.
	HARTZ MOUNTAIN			CUTTLEBONE	.05 per pkg.
	Imported Males	\$8.50		FISH FOOD	.15 per pkg.
	Domestic Males	8.50		AQUARIUM SHELLS	.20 per pkg.
	Imported Females	3.00		FISH BOWLS	each
	Domestic Females	2.00		1/2 Gallon	\$.35
	COCKATOOS			1 Gallon	.70
	Sulphur Crested	\$20.00		2 Gallon	1.10
	Rose Breasted	12.50		3 Gallon	2.00
	FINCHES	pair		6 Gallon	4.00
	Strawberry	\$5.00		BIRD CAGE CUPS	.15
	Zebra	6.00		BIRD BATH DISHES	.20
	PARAKEETS			BIRD CAGE SPRINGS	double brass .40
	Green Shell	\$7.50		CAGE BRACKETS	.25

DWARF ESSEX RAPE

Rape may be sown early or late. Some think it's better late and some swear that you should sow it in the light of the moon in May. Use about 10 pounds per acre broadcast, harrow it lightly and you'll soon have a hog heaven, or you can sow in the corn at last cultivation for fall pasture. It's worth while and will do well on any soil.

SWEET CLOVER

Sweet Clover is cheaper and better than Red Clover. It belongs to the legume family and has redeemed lots of land. One fellow from Western Nebraska said it was the only thing that would keep his land at home as without it the wind would pile his farm over on the neighbor's place. The roots run down deep, it's good pasture and a good hay crop.

The Grundy County type is distinctive and better. Hubam, White and Yellow Blossom Sweet Clover. Page 27.

GRUNDY COUNTY SWEET CLOVER

Grundy County Sweet Clover is a white blossom biennial clover that grows to a height of about four feet and matures an abundance of seed that ripens three weeks ahead of the common white blossom sweet clover.

Several outstanding advantages credited to this clover by those who have grown it, are: First. It grows to a good height for harvesting. Second. Ripens early, ahead of most weeds and is ready to thresh and hull before small grain. Third. A heavy seed producer. Fourth. Has superior soil building qualities. Fifth. Is unusually hardy, withstanding dry summers and hard winters.

This is the year to sow a lot of sweet clover and this is the variety to sow if you can get the seed. We have a nice lot of seed this season but with prospects of a great demand such as we expect to have for this variety we may not have enough seed to last throughout the planting season. Lb., 30c; 5 lbs., \$1.25, postpaid. By freight or express, not prepaid, 1/4 bu., \$3.00; 1/2 bu., \$5.75; bu., \$11.00.

IT PAYS TO INOCULATE

The Improved Soil Inoculator, Nobbe-Hiltner Process

NITRAGIN
TRADE MARK REGD. DEC 6 1895 NO 32212

Restores and Maintains Soil Fertility

USE NITRAGIN—THE IMPROVED SOIL INOCULATOR

Include NITRAGIN with your order for Alfalfa, Sweet Clover, Red Clover and Soy Beans.

Price, per bu. size, enough to inoculate 1 bu. of seed, \$1.00, postpaid; for 1/2 bu. of seed, 55c, postpaid.

Garden NITRAGIN—for Beans, Peas and Sweet Peas. 30c per can, postpaid.

NOTICE—Price of our NITRAGIN INOCULATION is now very reasonable so do not neglect using inoculation.

BRUNS NEW SMOOTH YELLOW DENT CORN

This variety is similar to our Reid's Yellow Dent except that the grains are smoothly dented instead of being slightly rough. It is a good yielding variety.

If you want a good, sound, smooth variety, this one will give you the best to be had. Our stock is limited but as long as it lasts we can take care of your orders at the following prices. Carefully shelled and graded. Lb., 35c; 7 lbs. (enough for one acre), \$1.35, postpaid. By freight or express, not prepaid, 1/4 bu., \$1.25; 1/2 bu., \$2.25; bu., \$4.00; 5 bu. lots, \$3.75 per bu.



A. R. BRUNS, President.

bushel. If it is really good Corn you want, this will please you I know. You will find it listed in our catalog as Bruns Improved Yellow Dent.

A bushel of Seed Corn will plant seven acres and will cost you about \$3.00 or \$3.25; if you pay 75c for express or freight the cost is \$4.00, or a little less than 60c for Seed Corn enough to plant one acre, and Corn is the crop that farmers in the Corn Belt depend upon for a money crop. Without it you cannot expect to make the money you could otherwise make, but suppose you pay \$10.00 or \$20.00 per bushel, you only have around \$3.00 per acre for your Seed Corn. How much do you pay for Clover enough to sow an acre, or Oats enough to sow an acre? You sow three bushels of Oats on an acre, which ordinarily would be worth \$1.50 and you don't expect to make any money on the Oats, just change the land or rotate crops. Our Mr. Bruns has been interested in Seed Corn since he was a small boy and the best varieties that we catalog are the product of the Seed Corn breeding done by Mr. Bruns on the Sunny River View Farm, he has not only been interested in Seed Corn but Prize Winning Seed Corn as well. We are showing, in this catalog, a picture of his prize winning Corn on which he was awarded first prize, at the Iowa State Corn Show at Ames in 1917.

Corn

Mr. Bruns has something that he wants to say to you in regard to Seed Corn and I think he can tell it to you so much better, that I have insisted on him doing so. For eighteen years Mr. Bruns has been a very careful breeder of Seed Corn down on the Sunny River View Farm, where Father and Mother still live, where the crops are rotated carefully, where you will find Alfalfa growing and doing well and Corn of the very best type. Mr. Bruns still spends a great deal of time with his Seed Corn.

Ladies and Gentlemen:

I am justly proud of the Seed Corn in which I have been interested all my life, because this is not only a hobby with me, it's a life work. Ever since I was a mere boy I have had a keen desire to develop something in Seed Corn better than the Corn in common use, and so I began with the Yellow Dent, with the view of having a very high yielding type of medium sized corn. How well I have succeeded in this I will allow you to decide.

I have won many prizes and I feel that after eighteen years of careful work, I am just getting to where it is interesting. The prizes I have won, of course, have stimulated me to go on, but have in no way led me to believe that my work was complete. I do have, in these breeding plots, some exceptionally nice Corn this year. At the time this catalog is sent to the printer, the Corn is still on the stalk. I am going through the fields within a day or two to select ears for later inspection. These ears will be tagged where they hang and will be selected on account of their general appearance in the field; later they will be graded according to the quality they have, and I have decided to give our customers an opportunity to begin, not at the place I am leaving off, but at the place where I have arrived after eighteen years of work, and so I am offering you a limited amount of this Corn at \$1.00 per ear, postpaid or 10 ears for \$7.50, by express, not prepaid.

Don't order this Corn if you want it to exhibit for prizes—exhibitors should grow their own Corn. I would not knowingly sell Corn to be exhibited by another man as his own. For a number of years I have been selling Corn to my neighbors at \$20.00 per bushel. One man who last year purchased five bushels for which he paid me one hundred dollars, said it was the cheapest Corn he ever bought. I don't know whether I will have Corn from this breeding plot in quantities of a bushel or not. It is hard to tell how many ears of this kind I can secure from the field, but I wouldn't take less than \$50.00 for eighty ears, which is about a

bushel. If it is really good Corn you want, this will please you I know. You will find it listed in our catalog as

SEED CORN

This is the **BRUNS IMPROVED YELLOW DENT** and is truly a "full blooded" Corn. It is the result of sixteen years patient efforts and these efforts still continue. If you want a real fancy type of Corn you can get nothing better than this as it is of uniform type, a medium sized ear rather than an extremely large one, a deep grain and small cob, and it has successive record yields of 100 bushels to the acre.

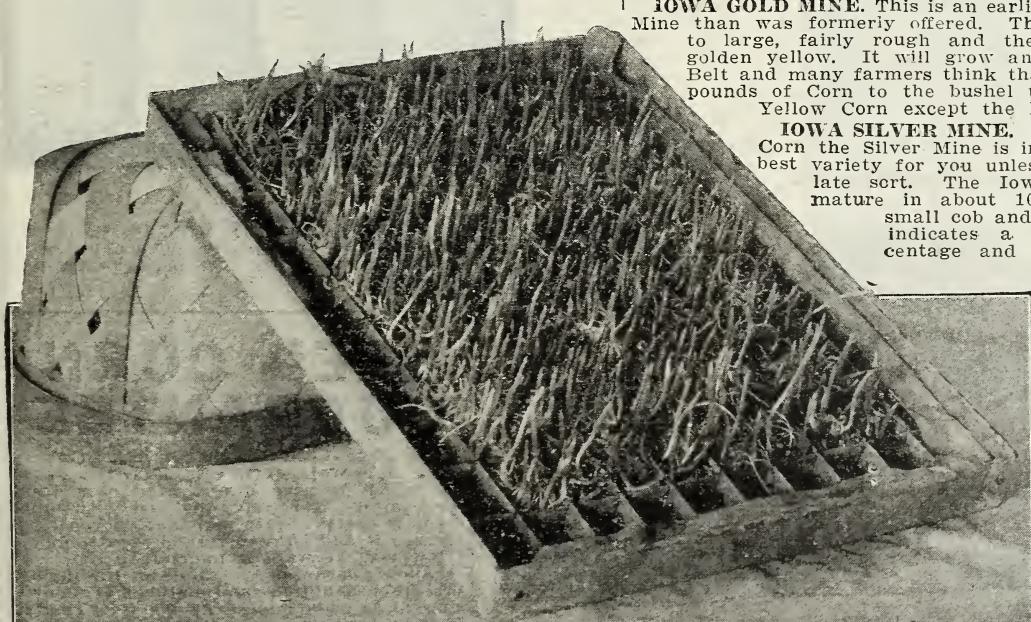
IMPROVED REID'S YELLOW DENT. Most people are familiar with the general type of Reid's so it will need no extensive description. Most everyone has his own idea about how a typical ear of Reid's should look. This strain is particularly bred for rough kernels, average sized ear, early maturing, deep grain, small cob and high shelling percentage.

THE MORTGAGE LIFTER is a deep yellow, a deep and wide kernel, medium to large ears, a good, rank-growing variety, heavy stalks with lots of leaves, excellent for ensilage as well as for husking corn and a very heavy producing type. 100 bushels to the acre yields are not uncommon for this variety.

IOWA GOLD MINE. This is an earlier strain of the Gold Mine than was formerly offered. The ears are medium to large, fairly rough and the color is a bright golden yellow. It will grow anywhere in the Corn Belt and many farmers think that it will shell more pounds of Corn to the bushel than any variety of

Yellow Corn except the Pride of the North.

IOWA SILVER MINE. If you want a White Corn the Silver Mine is in all probability the best variety for you unless you desire a real late sort. The Iowa Silver Mine will mature in about 100 days. It has a small cob and a deep grain which indicates a high shelling percentage and is a particular favorite among farmers of north central Iowa and Nebraska and is grown successfully in most localities south of those described.



Bruns Seed Corn—Shows Strong and Healthy Sprouts.

Corn
Prices
on Page
25

This Bushel Awarded First Prize at the Iowa State Corn Show in 1917.

Brun's Improved Yellow Dent.



SILVER KING is the best and heaviest producing variety of White Corn known among the 90-day varieties. It is the main crop variety in northwestern Iowa and in Dakota, and in many cases will produce as large acre yields as our southern Iowa big Corn on account of its habit of producing more than one ear to the stalk. Too much cannot be said in favor of the Silver King. Everyone who has tried it can recommend it. Our stock is northern grown.

PRIDE OF THE NORTH (Yellow Dent). This variety is no new one. It has been in use for years and years. It's strictly a 90-day Corn, frequently ripening in less time and while it is not as productive as the larger and later type of Corn it is one of the very best to plant for early feed or to plant when you are compelled to do so late in the season.

MINNESOTA NO. 13 is a variety that originated in the North. I think there is no question but what this is the "peppiest" variety in the whole list. It is as early as the Pride of the North, a little larger and produces more bushels to the acre. There is no question about this being a very popular and a very good variety of Corn.

We offer two varieties of Flint Corn, **LONGFELLOW** or **EIGHT-ROW YELLOW FLINT**, which is a long splendid ear, eight rows of Corn, and usually matures in 80 days. Some people profess to be able to ripen it in less time and while it will not produce a large number of bushels to the acre, it will produce a crop quickly, or after it is too late to plant the ordinary Corn and if you want to plant something early. For hogging down, the Longfellow is one of the varieties that I would recommend, the other being the **KING PHILIP**, about the same sort of Corn as the Longfellow, except the King Philip is red. It too, is an eight-row Corn and extremely early.

A good many of our customers, especially those living in the South and East, want Ensilage Corn. Formerly the idea of Ensilage Corn was a large crop of green leaves to be put in the silo when the crop was in the roasting ear stage. Later practice, however, shows the wisdom of allowing Ensilage Corn to ripen, but you, of course, must have a variety that will ripen in reasonably good time and so I am offering you the **LEAMING ENSILAGE**

which is a variety that has been meeting with all requirements of Ensilage growers for years.

Another variety is the **MAMMOTH WHITE ENSILAGE**, a little later type of Corn, one that requires a season of about 110 days in which to mature, but a very heavy producer. Nothing is better than these varieties of Corn.



Corn Prices on Page 25.

Brun's 90-Day Yellow.

Corn

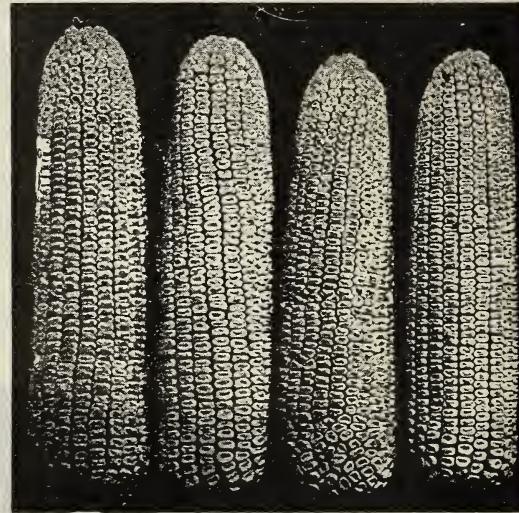
The **JOHNSON COUNTY WHITE** is larger and later, and if you want a large acre yield and live in southern Iowa, Missouri, southern Indiana or southern Ohio, you should by all means plant the Johnson County White. It is great stuff for hominy, too, although not the variety used by factories for that purpose.

The **IMPROVED CALICO** is classed with the standard or main crop sorts, because our strain, while not as large as the old-fashioned variety known by that name, is exactly like the old type in appearance, but earlier. It needs a season of from 95 to 100 days in which to mature and is a very heavy yielding sort. This is the best strain of Calico I have ever seen.

The early varieties of Dent and Flint are as follows:

BRUNS 90-DAY YELLOW DENT is, I think, the largest and most productive type of Yellow Dent Corn I have ever seen for an early variety. The ears remind you somewhat of the Reid's Yellow Dent in size and general appearance except the type of kernel and ear is slight-

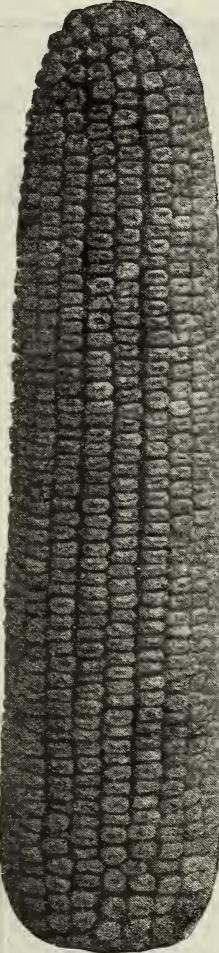
ly different, of course, it is a trifle smaller. I give you this comparison to show you that it is really a large variety of Corn and only for the fact that it does mature in 90 days it should be classed with the main crop sorts. This is no ordinary variety of Corn and our supply is rather limited. We do not promise you that we can fill late orders, but we will gladly do so until our present supply is exhausted.



Iowa Goldmine.

SEED CORN GUARANTEE

All Seed Corn is sold subject to your own approval. You can have ten days in which to give it any kind of a test or examine it in any way you wish and if it is not perfectly satisfactory you can return it and we will refund your money. However, we want it understood that we cannot guarantee a stand in the field. Weather conditions and methods of planting make this impossible for us. That's fair and all anyone can do. I guarantee a square deal.



Corn

About Germination

If Corn is ever so fancy, but does not grow, it will be of no service to you as seed. We have made careful tests of all we offer, nothing is sent out to our customers which does not show a germination test of 95 per cent or better. Our goods are all sold subject to your own test and approval, and you may have ten days from the time you get the seed in which to carefully test and inspect, call in the neighbors, county agent, or anyone, and if you are not satisfied, ship it back to us, being sure to mail us a bill of lading, covering the return shipment, which you will get from your agent and tell us whether you want money back or the order refilled. Always look at your order carefully when it arrives. Don't wait till the day you are ready to plant. We do not guarantee crops. When you plant the seed, its yours.

Standard or Main Crop Yellow, White and Calico, Dent Varieties.

I am grouping Corn for your convenience into three big classes. Main Crop Dent, Early Dent, and Flint and Ensilage. The main crop varieties require a season of from 100 to 110 days and are safe to plant anywhere in the great Mississippi Valley, south of the north line of Iowa, although some of them are likely to need a longer season than you will ordinarily find in northern Iowa.

Price, postpaid:	Large pkt.	lb.	1 ear	7 lbs.
Bruns Imp. Yellow Dent	\$0.10	\$0.25	\$0.40	\$1.25
Imp. Reid's Yellow Dent	.10	.25	.40	1.25
Mortgage Lifter (yellow)	.10	.25	.40	1.25
Leaming (yellow)	.10	.25	.40	1.25
Iowa Gold Mine (yellow)	.10	.25	.40	1.25
Iowa Silver Mine (white)	.10	.25	.40	1.25
Boone County White, ...	.10	.25	.40	1.25
Johnson County White, ...	.10	.25	.40	1.25
Improved Early Calico	.10	.25	.40	1.25

By freight or express, any of the above varieties, not prepaid, $\frac{1}{4}$ bu., \$1.00; $\frac{1}{2}$ bu., \$1.75; bu., \$3.25; 5 bu. lots, \$3.00 per bu. \$3.00 for a bushel of good seed corn is a bargain.

Bruns Improved Yellow Dent.

Early Varieties of Dent and Flint

The early sorts are main crop Corn north of a line east and west from central Iowa. We have made arrangements with a Dakota grower to supply strictly first class northern grown seed of 80 to 90-day sorts (all except Bruns 90-Day Yellow) and shipment will be made direct to you from the growing station.

Price, postpaid:	Large pkt.	lb.	1 ear	7 lbs.
Bruns 90-Day (yellow dent)	\$0.10	\$0.25	\$0.40	\$1.25
Pride of the North (yellow dent)	.10	.25	.40	1.25
Silver King (white dent)	.10	.25	.40	1.25
Longfellow 8-rowed Yellow Flint	.10	.25	.40	1.25
Improved King Philip Red Flint	.10	.25	.40	1.25
Minnesota No. 13 Yellow Dent	.10	.25	.40	1.25

By freight or express, any of the above varieties, not prepaid, $\frac{1}{4}$ bu., \$1.00; $\frac{1}{2}$ bu., \$1.75; bu., \$3.25; 5 bu. lots, \$3.00 per bu.

Ensilage, White and Yellow

Our Ensilage Corn is something we feel justly proud of. It has been making good for years, what you want is not only a big Corn for Ensilage, but one that will produce ears of Corn, too, that is just what our Mammoth White and Yellow Ensilage Seed Corn will do for you.

Price, postpaid:	7 lbs.
Leaming Ensilage (yellow)	\$1.00
Mammoth White Ensilage	1.00

By freight or express, any of the above varieties, not prepaid, peck, 90c; $\frac{1}{2}$ bu., \$1.35; bu., \$2.00.

Ear Corn

We can supply Ear Corn in the following varieties, carefully hand picked and crated, no charge for the crates and it's ready to go now. You can see how it looks if you buy this dandy crated corn; of course, you pay the freight on the cobs and you don't get the grading, as our shelled corn is all ready for the planter, but you can see what the ear looks like and you'll say you got real corn when you see it.

Bruns Improved Yellow Dent	Boone County White
Reid's Yellow Dent	Johnson County White
Mortgage Lifter Yellow Dent	Early Calico
Iowa Silvermine	Ninety-Day Yellow Dent
Price, \$4.25 per bu.; 5 bu. lots at \$4.00 per bu.	Mortgage Lifter.

Alfalfa

Prices given here are only suggestive. These items may be higher or cheaper by the time you get the catalog.

Ask for our new prices or send your order along and we will either send you the amount your money will buy or we can ship the seed and fix the balance afterward. Say which way you would prefer.

Alfalfa should be grown on every farm. The most valuable asset of Alfalfa is that it will produce an enormous crop of hay and at the same time enrich the soil. In addition to its crop of from three to seven tons of hay per acre, of the most nutritious stock feed, it will add to the land on which it grows more than twice as much nitrogen as Red Clover.

The feeding value of this great crop is equal, pound for pound, to wheat bran. All stock relish it and thrive on it better than on any other food. Alfalfa can be grown successfully in every state in the Union. Anyone can grow it successfully if a little care is exercised in the preparing of the ground, proper methods of sowing, and procuring good seed.

DAKOTA GROWN ALFALFA SEED. This seed comes from fields in Dakota that have stood in Alfalfa for many years, living through severe winters at thirty degrees below zero. This insures strong, hardy plants that will withstand most adverse conditions, and makes success with Alfalfa possible on practically all farms. Price, subject to change, lb., 35c; 3 lbs., \$1.00, postpaid. $\frac{1}{4}$ bu., \$4.00; $\frac{1}{2}$ bu., \$7.80; bu., \$16.00, not prepaid. Ask for samples and latest prices.

KANSAS-NEBRASKA GROWN ALFALFA SEED. Our Kansas-Nebraska seed is grown in dry land sections and is a hardy strain. It is a fine seed, plump, pure and of fine color. Price, subject to change, lb., 35c; 3 lbs., \$1.00, postpaid. $\frac{1}{4}$ bu., \$4.00; $\frac{1}{2}$ bu., \$7.75; bu., \$15.00, not prepaid. Ask for samples and latest prices.

Grimm Alfalfa

Alfalfa has been a money making crop in every locality where it has been tried where it has had an opportunity to make good. Just why it is that farmers will sow Clover year after year and lose the crop on account of unfavorable weather, but quit after their first failure with Alfalfa, is more than I can understand. Alfalfa is nothing new, it's supposed to be the grass that Nebuchadnezzar ate, 2,000 years before Christ, so it should be firmly established, and now in this day of prosperity they are erecting mills for the purpose of manufacturing food products from Alfalfa and I have eaten some of it, cake and cookies made from Alfalfa flour and it isn't so bad either.

There are a good many different varieties and types of Alfalfa. The ordinary kind has a large, strong, straight tap root that goes down into the soil, but the Grimm has many fibrous roots instead of the tap root, the advantage is that when your soil is heaved by winter freezing, the strong tap roots of the ordinary kind are broken and the plant dies and this will kill Clover, too, but it doesn't affect Grimm Alfalfa because of its many small roots, not all of them are broken and they just heave with the soil and when the soil settles back in the spring they are in position to go to work. This kind does not produce as much seed as the other, which accounts for its being a little higher in price, but it's much better for pasture and is also considered better as a hay crop.

Price, subject to change, lb., 65c; 3 lbs., 80c, postpaid. By freight or express, you to pay transportation, $\frac{1}{4}$ bu., \$6.25; $\frac{1}{2}$ bu., \$12.25; bu., \$24.00. Ask for samples and latest prices.

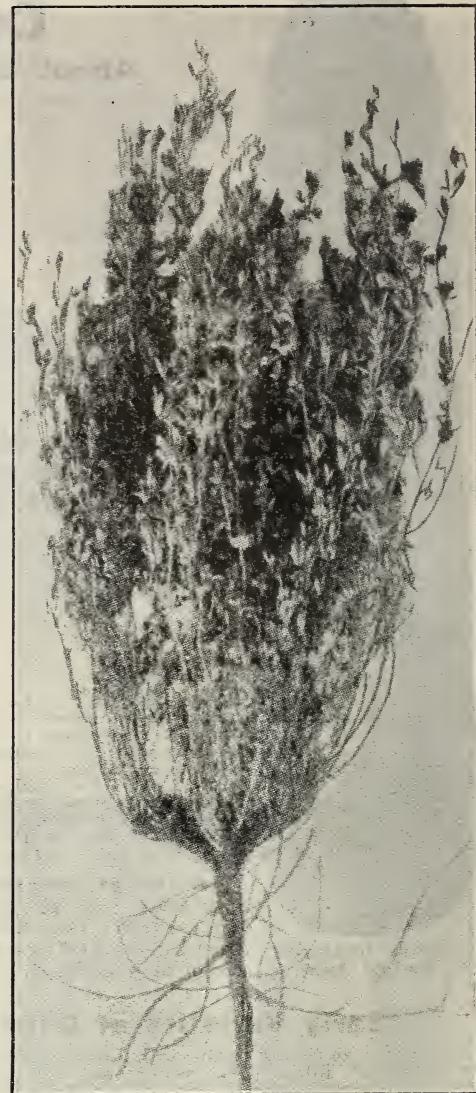
Clover

At the time this goes to the printer we cannot tell what prices will be at planting time. These prices are suggestions only.

Ask for Free samples of Clover or Grass Seed. Small samples Free; large packets, 10c.

We handle nothing but the highest grade of Clover seed. All our Clover seed is recleaned and sold subject to state or national test. If not entirely satisfactory, you may return the seed and we will refund the money paid for it.

Write for samples and our latest prices. We can save you money on Clover seed and at the same time supply the best seed grown in Iowa.



MEDIUM RED CLOVER. Sometimes called June Clover. Makes two crops each year, the first usually cut for hay and the last for hay or seed. It is a wonderful soil builder, and no rotation is complete without it. When sown alone, 10 to 12 pounds per acre are required. Sown with Timothy, however, from 6 to 10 pounds is sufficient. Price, subject to change, lb., 35c; 3 lbs., \$1.00, postpaid. $\frac{1}{4}$ bu., \$4.25; $\frac{1}{2}$ bu., \$8.00; bu., \$15.50, not prepaid. Ask for samples and latest prices.

MAMMOTH RED CLOVER. This Clover closely resembles Medium Red, but makes a ranker growth. For this reason it is an excellent fertilizer. As a fertilizer to plow under green it has no equal. For this purpose 8 to 12 pounds should be sown per acre if sown alone, or 6 to 10 pounds if sown with small grain. Price, subject to change, lb., 40c; 3 lbs., \$1.10, postpaid. $\frac{1}{4}$ bu., \$4.50; $\frac{1}{2}$ bu., \$8.50; bu., \$16.50, not prepaid. Ask for samples and latest prices.

ALSIKE CLOVER. This Clover is better adapted to wet lands than any other variety. However, it flourishes on upland as well. Stock prefer it to Medium Red as it is a perennial plant and will live more than two years. Makes an excellent mixture when sown with Timothy or Medium Red, or both. Price, subject to change, lb., 35c; 3 lbs., \$1.00, postpaid. $\frac{1}{4}$ bu., \$3.75; $\frac{1}{2}$ bu., \$7.25; bu., \$14.00, not prepaid. Ask for samples and latest prices.

WHITE DUTCH CLOVER. Of great value in mixtures for permanent pastures and lawns. The seed is very fine and about 5 pounds is sufficient to sow an acre. However, it is best to sow with other grasses. Price, subject to change, lb., 70c; 3 lbs., \$1.85, postpaid.



Sweet Clover

Most Valuable of all Clovers.

Start growing this big money-making crop now. Seed much cheaper than other Clovers this year. Sow this with all your small grain.

WHITE BLOSSOM. This variety of Clover is being more extensively grown every year, and we believe it almost impossible to over estimate its value. Sweet Clover hay has much the same feeding value as Alfalfa, and more than that of Red Clover. It is one of the few grasses that can be pastured successfully the first year.

As a fertilizer, Sweet Clover ranks the highest of any leguminous crop, as it has the ability of gathering nitrogen from the air, and storing it in the soil. It develops large clusters of fleshy roots, which reach many feet into the ground, and decay when two years old, thus leaving their nitrogen content in condition for immediate use and the subsoil well perforated and sub-divided, which assures enormous yields from the crops that follow the rotation.

All our Sweet Clover seed is scarified and tested for germination.

For hay purposes, from 15 to 20 pounds of seed is sown per acre, and for a seed crop from 6 to 8 pounds is sufficient. Price, postpaid, lb., 25c; 3 lbs., 65c; 1/4 bu., \$2.25; 1/2 bu., \$5.00; bu., \$9.50, not prepaid; \$15.80 per 100 lbs. Ask for samples and our latest prices.

YELLOW BLOSSOM SWEET CLOVER. Yellow Blossom was considered good before White Blossom came into general use. I will admit, however, that the White Blossom is more used, probably because there is more fuss made about it.

At the time this catalog is sent to the printer, we cannot anticipate what the prices will be in February or March, but on the basis of today's value, and this is November first, we would have to charge \$15.00 per 100 pounds, that's \$9.00 per bushel of 60 pounds, for either the White or Yellow Sweet Clover and it is my guess that it will be higher in the spring.

NEW HUBAM SWEET CLOVER. The new annual White Sweet Clover. We have a limited amount of choice seed of our own growing, grown on our Sunny Riverview Farm. Price, lb., 60c; 5 lbs., \$2.50; 10 lbs., \$4.50, not prepaid. Ask for prices on larger quantities.

Oats

We confine ourselves to the varieties which we believe from actual experience to be the best for the Corn Belt. These are the well known Iowa "103" and the Iowa "105." Both are early Oats and more dependable than the later sorts.

IOWA "103", commonly known as White Kherson, is a pure white Oat, plump grain, and very thin hull. A heavy yielder, and we strongly recommend this variety. Price, lb., 26c; 1/4 bu., 35c; bu., \$1.00; 10 bu. lots or over, subject to change, 90c per bu., not prepaid. Write for quantity prices.

IOWA "105", similar to Iowa "103", but light yellow in color. An early Oat and a great smut resister. A fine Oat for a rich soil. Price, lb., 20c; 1/4 bu., 35c; bu., \$1.00; 10 bu. lots or over, 90c per bu., not prepaid. Write for quantity prices.

RUSSIAN GREEN OATS. Medium early Oats of extra fine quality. Heavy yielder and very valuable variety. Price, lb., postpaid, 20c; 1/4 bu., 35c; bu., \$1.00; 10 bu. lots or over, subject to change, 90c per bu., not prepaid.

THE IOWAR OAT. This is a variety evidently much like the White Kherson, but I've heard Professor Burnett speak of it in the highest terms. It is comparatively a new variety, but one that people want. Professor Burnett is quoted as having said that "It is a little later, a little

taller and a little more productive than the White Kherson, but it's entitled to a place on your farm if you want good Oats." We can quote you at \$1.10 per bu.; 10 bu. quantities at \$1.00 per bu. subject to change.

TIMOTHY SEED

Being located right in the heart of the Timothy producing territory, we are in position to serve you to excellent advantage on Timothy. Every bushel of our Timothy has been thoroughly cleaned and is of high germination purity. Price, postpaid, lb., 20c. Not prepaid, \$1.25 per bu., subject to change.

TIMOTHY SEED AND ALSIKE MIXTURE

15 to 20 per cent Alsike. Timothy and Alsike mixed make an excellent combination for either hay or pasture; in fact Timothy when mixed with Alsike has a greater feeding value than when sown alone. Our mixtures are dependable and free from noxious weeds. Price, lb., 25c, postpaid. Not prepaid, 1/2 bu., \$3.00; bu., \$5.85; per 100 lbs., \$13.00, subject to change.

KENTUCKY BLUE GRASS

A fine grass for pasture, and highly valued for its feeding qualities as well as a pasture for all stock. Very hardy and withstands all rough treatment. Sow 20 to 28 pounds per acre. Price, postpaid, lb., 55c. Net prepaid, lb., 50c.

ORCHARD GRASS

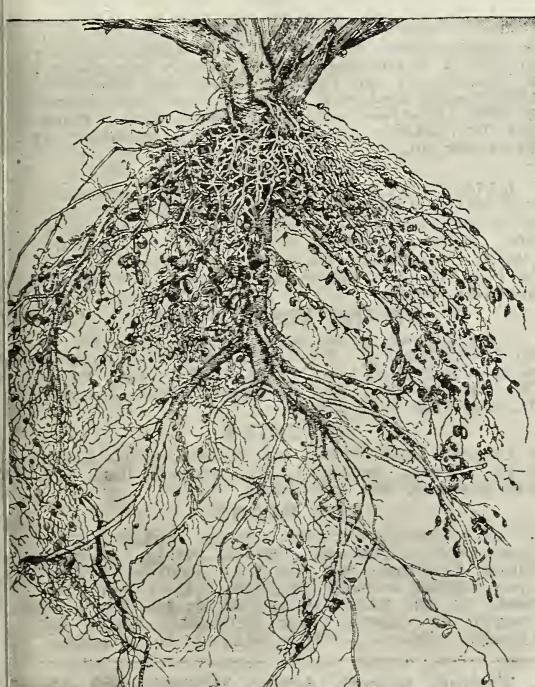
Orchard Grass will grow in the shade and do well although it should have sun part of the time. It will make a good hay crop but is best for shady pasture land and will do well on either low or up land. Price, subject to change, lb., 30c, postpaid. \$25.00 per 100 lbs., you to pay transportation.

RED TOP

Another hardy perennial grass, which makes excellent pasture. Very hardy and permanent. Price, postpaid, lb., 40c.



Sweet Clover.



Sweet Clover Root Showing Nodules.



Orchard Grass.



Sudan Grass.

SUDAN GRASS

Sudan Grass is the greatest annual forage crop of today. During the few years that it has been grown in this country it has to a great extent displaced millets, kaffir corn, cane and other grasses. No annual crop grown produces a greater quantity of fine quality hay than Sudan Grass.

IOWA GROWN SEED. Our Sudan is free from Johnson Grass or other weed seeds. Northern grown seed is always preferable to Southern grown. Price, postpaid, lb., 30c; 3 lbs., 75c.

At the time we go to press, it is impossible to tell what the price will be on large quantities. We want your business and will make you the right kind of a price. Ask for prices.

MILLET

Millet is an excellent dairy feed, and valuable as a catch crop in a wet season. Prices subject to change.

GOLDEN MILLET. Best for hay. Heavy yield and excellent feeding value. Price, postpaid, lb., 20c. Not prepaid, bu., \$2.25; 100 lbs., \$4.50.

SIBERIAN MILLET. Very hardy. About two weeks earlier than Golden Millet. Price, postpaid, lb., 20c. Not prepaid, bu., \$2.20; 100 lbs., \$4.40.

BUCKWHEAT

Buckwheat is not extensively grown in the Mississippi Valley because you fellows have been so busy growing corn and hogs you have allowed yourselves to think that you did not have time for anything like gardens, orchards or berries. But you are there all right, when it comes to eating Buckwheat Cakes and your wife buys the flour at the grocery and pays 50c to 75c for a ten pound sack and a bushel of Buckwheat will make four such sacks and can be ground on any corn burr or feed mill, only you'll have to grind it in zero weather and sift it yourself. The **JAPANESE** is the big black seed and will yield more per acre than any variety. The **SILVER HULL** is a smaller gray seed and will make more flour per bushel. Sow broadcast late in June or in July, using one-half bushel (24 pounds) per acre. Price, prepaid, bu., \$2.60; 100 lbs., \$5.00.

Our River View Farm produced some fine Sorghum this year. The quality of the syrup was pronounced the best ever by those who call themselves judges, but you can't have any till next year, it's all gone. We can sell you the "makin's" though.

The **BLACK AMBER** is a sprangly head, grows tall and slender stalks on good land, yet it does not blow down easily. It's a good variety. Matures in about 90 to 110 days. We have two varieties of **ORANGE**. The **Short** and the **Tall**. Ordinarily the **Short Orange** has a stubby thick stalk, compact orange colored head, matures in about 90 to 100 days and produces juice that will make syrup of the best quality and a lot of it. The **Tall Orange** is just about the same only a few days later and of course taller. The seed is a special strain grown for seed on our farms.

There is a mighty good variety of Cane. I don't know what to call it. The man from whom I got the seed said he did not have the name but got it from someone who got it from someone else and by the time I got around I met myself coming back, so guess I'll just say **ELDRIDGE CANE**. It's short, heavy producing, 90-day maturing, makes lots of juice, is easy to cook and makes good syrup and lots of it; seed is light with black hull and evidently belongs to the **Early Rose** family.

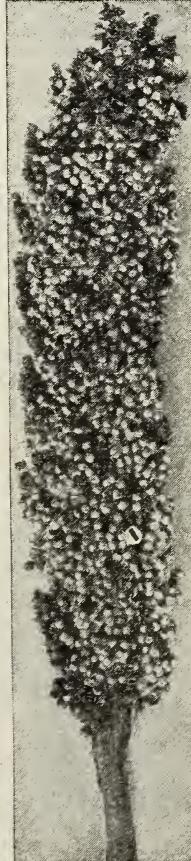
RED AMBER was almost lost sight of for years. I have revived it. This special strain has made excellent yields for some years. It is very early, 80 to 90 days, and has produced as much as 200 gallons of sorghum to the acre.

The **JAP RIBBON** is a variety that came from the South, but is making good here; it's big, gets to be 12 to 13 feet tall with heavy stalks. Makes the biggest yield and the best syrup of anything in the Cane line, but it is late for Iowa; it hurries it to get ripe ahead of frost, but it has made it as far north as Sioux City two years out of three, and produced as much as 300 gallons of sorghum to the acre. Mr. August Bruns, who is the father of Mr. A. R. Bruns, grew this Cane and since it was so nice he decided to hang up a lot of heads just like seed corn is hung. It's a good idea, too.

Special selected heads, 2 for 25c; 4 for 40c; 12 heads, enough for an acre, \$1.00. The threshed seed of these varieties, 30c per lb.; 3 lbs., 80c; 5 lbs., \$1.25, postpaid. These prices are for all or any of the six varieties mentioned.

FODDER CANE is really just the same as Syrup Cane, only slightly mixed and usually this mixture is an advantage rather than a disadvantage as it has a tendency to prolong the growth. You get the advantage of a long ripening period and if sown thick will produce an enormous tonnage. The **Jap Ribbon** mixture is a good one if you can get it, but it's scarce.

When we run out of our own mixed seed we usually get the Kansas grown. Price, subject to change up or down, \$6.50 per 100 lbs. and you are to pay the cost of shipping. Use 50 to 100 pounds per acre. Sown broadcast and sow late in May in the latitude of Southern Iowa. Cane is a hot weather crop and will do no good if planted too early or too deep. Harvest with a grain binder, tying in small bundles, shock and stack, or put it in a barn soon as dry. There is no better feed.



Kaffir Corn.

Cane

KAFFIR CORN
An excellent fodder plant. Also valuable as a poultry feed on account of heavy yield it produces in grain. Price, postpaid, lb., 20c; 3 lbs., 50c. Not prepaid, 100 lbs., \$5.25.

SEED BARLEY
ODERBRUCKER. This variety was first introduced into the United States from the Agricultural Experiment Station at Guelph, Ontario, Canada, and was grown under the direction of Agricultural College of Wisconsin, and has proven it is the best of any variety for feeding purposes. It is bearded, has an extremely stiff straw, and will stand up on the richest ground, is free from rust and smut. Price, per bu., \$1.60; 10 bu. quantities or more at \$1.35 per bu.

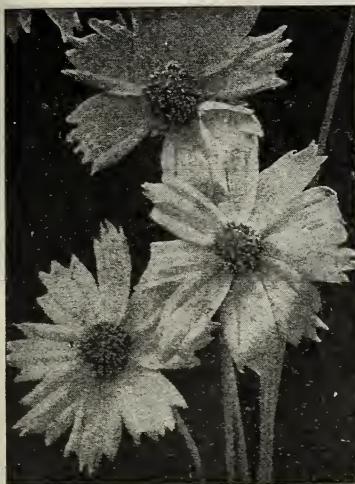
SPRING WHEAT
EARLY JAVA SPRING WHEAT is especially well adapted to the Corn Belt. Has an extra hard dark red, plump kernel, and is fine for milling. Every bushel of our Early Java is thoroughly recleaned and graded. Price, lb., 20c; 1/4 bu., 75c; bu., \$2.40, not prepaid. Write for quantity prices.

DWARF ESSEX RAPE
Rape is the most popular and profitable of all forage plants. Easily grown and unequalled as a pasture for hogs, cattle and sheep. Price, lb., 20c; 3 lbs., 50c, postpaid. Not prepaid, lb., 12c; 100 lbs., \$10.50.

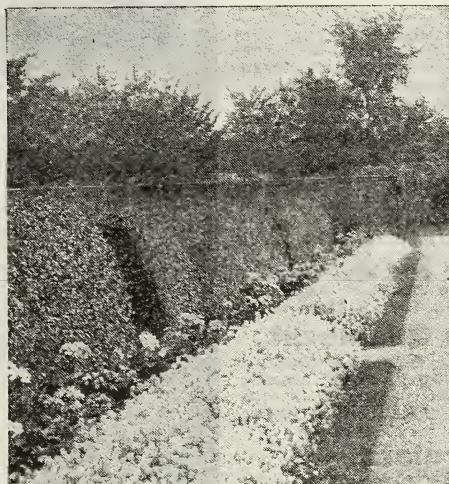
FETERITA
A grain and fodder plant similar to Kaffir Corn. Price, postpaid, lb., 20c; 3 lbs., 50c. Not prepaid, 100 lbs., \$5.25.

SOY BEANS
The following varieties are the best and most dependable: **Manchu**, **Black Sable**, **Mongol**, **Black Eyebrow**, **Ito San** and **Medium Yellow**. Price, either variety, lb., 20c; 3 lbs., 50c, postpaid. 1/4 bu., \$1.10; 1/2 bu., \$2.10; bu., \$4.00, by freight or express, not prepaid. Write for quantity prices. Prices subject to change.

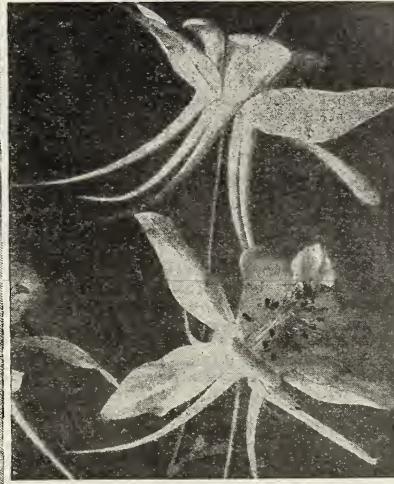
Marquis Smooth Spring Wheat. Ask for prices on this great spring wheat.



Coreopsis.



Alyssum.



Aquilegia.

BRUNS FLOWER SEEDS

Acroclinium

EVERLASTING STRAW FLOWERS

Very beautiful, half-hardy annual; daisy-like, white and rose colored flowers. Splendid for winter ornaments. Flowers cut and dried will last for years. Sow seed in open ground early in spring.

All Varieties Mixed. Large pkt., 7c; 3 pkts., 18c; 6 pkts., 30c.

Alyssum

Little Gem (Called Carpet of Snow). Pretty white annual plants. Very dwarf. Easy to grow and blooms from early summer until late in the fall. Pkt. (225 seeds), 5c; 3 pkts., 12c; 6 pkts., 20c.

Ageratum - Little Blue Star

A beautiful profuse blooming border variety. The best low growing blue flowering plant. Pkt., 5c; 3 pkts., 12c; 6 pkts., 20c.

Balsam - Lady Slipper

This is one of the most beautiful and easily grown of all garden annuals. Grows 15 to 25 inches high. Mixed colors. Pkt. (75 seeds), 6c; 3 pkts., 15c; 6 pkts., 25c.

Bachelors Button

(CENTAUREA CYANUS, RAGGED SAILOR OR CORNFLOWER)

This old-fashioned hardy annual requires no skill to grow and always makes a wonderfully good display. Grows 3 feet high with numerous large flowers, producing a mass of bloom all summer, and is much used as dried winter bouquets. Mixed all colors. Pkt. (300 seeds), 6c; 3 pkts., 15c; 6 pkts., 25c.

Balloon Vine - Love-in-a-Puff

Half hardy, rapid growing annual climber; bears immense flowers often 5 to 6 inches across, followed by inflated seed pods resembling balloons. Large pkt., 7c; 3 pkts., 18c; 6 pkts., 30c.

BLANKET FLOWER. (See Gaillardia).

BUTTERFLY BUSH. (See Schizanthus).

Calliopsis or Coreopsis

A very beautiful perennial of the daisy-like pattern. Plants grow about 2 feet high with small but elegant and showy flowers of brilliant colors in various shades of yellow. They thrive anywhere and are greatly prized for cutting as they last a long time in water. Special mixed. Pkt. (400 seeds), 5c; 3 pkts., 12c; 6 pkts., 20c.

Columbine - Aquilegia

One of the best perennials. A beautiful, hardy plant growing about 2½ feet high and covered with varied colored flowers during the spring. Always in demand by the flower lovers. Pkt., 6c; 3 pkts., 15c; 6 pkts., 25c.

Candytuft - Iberis

For over three hundred years this good old annual has been a garden favorite for all who love beautiful flowers.

White Empress. Best for border and for growing for cutting. Pure white flower. Pkt., 5c; 3 pkts., 12c; 6 pkts., 20c.

Mixed Colors. Our special mixture contains many varieties and colors. Pkt., 5c; 3 pkts., 12c; 6 pkts., 20c.

Canterbury Bells

(CAMPANULA OR BELLFLOWER)

Beautiful perennial plants. Flowers of the cup and saucer shape. Produces flowers in shades of blue, white, rose, and others, with some of the blooms 3 inches in length and 3 inches across. Easily grown in any garden. Mixed colors. Pkt. (100 seeds), 6c; 3 pkts., 15c; 6 pkts., 25c.

Cardinal Climber

This splendid new climber has created a sensation wherever grown. Flowers are shaped like the Morning Glory, are of a vivid red color. 1½-inch flowers borne in clusters. Grows to a height of 20 to 30 feet. Pkt., 6c; 3 pkts., 15c; 6 pkts., 25c.

Canary Bird Vine

Handsome foliage, with an abundance of beautiful, bright, canary yellow flowers. The bloom resembles a bird with its wings spread and the leaves make the vine very attractive, as they are very odd shaped. Pkt., 5c; 3 pkts., 12c; 6 pkts., 20c.

Carnations

Early Flowering Marguerite. Start seed under glass and transplant when sufficiently large. Seeds sown during the summer will produce plants which can be potted in the fall and will bloom profusely throughout the winter. As the plants are quite hardy they grow strong, producing a great abundance of flowers in beautiful colors. Mixed Colors. Pkt. (100 seeds), 6c; 3 pkts., 15c; 6 pkts., 25c.

Castor Beans - Ricinus

A tropical appearing plant growing 12 to 15 feet high with very large leaves measuring from 2 to 4 feet across. Fine for lawns and pleasure grounds. Our special mixture produces immense and beautiful plants. Pkt. (15 large seeds), 5c; 3 pkts., 12c; 6 pkts., 20c.

Chrysanthemums

Annual Double White. This magnificent variety comes in white only and is the most successful one that grows from seed. Grows about 18 inches tall and blooms continuously throughout the summer. Flowers last a week or two after cutting. Pkt., 6c; 3 pkts., 15c; 6 pkts., 25c.

Celosia - or Coxcomb

Half hardy annual, free blooming, graceful plant; growing best in soil that is rather light and not too rich.

Dwarf Coxcomb (Cristata Nana). Low growing plant with showy combs. Choice mixed. Pkt., 5c; 3 pkts., 12c; 6 pkts., 20c.

Chinese Wool Flower. Recent novelty and most curious as well as the most showy of all Celosias. Height of plant 2 to 3 feet. Pkt., 6c; 3 pkts., 15c; 6 pkts., 25c.

Thomsoni. A variety of Celosia that grows tall and straight, with plume-like heads in colors ranging from the clearest yellow to the darkest blood red. Pkt., 6c; 3 pkts., 15c; 6 pkts., 25c.

Coleus

Choicest New Hybrids. These beautiful Coleus are absolutely the best foliage plants for obtaining the greatest variety of colors. With such diversity of pattern and rich coloring, their growing is a matter of absorbing interest and pleasure. For bedding or pot culture. Start the seed early indoors and set out young plants after danger of freezing. Pkt., 10c; 3 pkts., 25c; 6 pkts., 40c.

Cosmos

Giant Early Flowering. This new early flowering strain blooms in August. The attractive white, pink and crimson flowers are very large, and for cutting they have no equal. Mixed colors. Pkt. (150 seeds), 5c; 3 pkts., 12c; 6 pkts., 20c.

Giant Late Flowering. Grows 3 to 5 feet high and are exceedingly beautiful. Blooms in late summer and autumn. Mixed colors. Pkt., 6c; 3 pkts., 15c; 6 pkts., 25c.

Cypress Vine - Ipomoea Quamoclit

A delicate dark green, feathery, fern-like foliage plant, with masses of bright, star-shaped, rose, scarlet and white blossoms. Plant when ground is warm. Grows about 15 feet during season. Mixed. Pkt., 5c; 3 pkts., 12c; 6 pkts., 20c.

Clematis - Paniculata

Hardy perennial vine covered with a mass of beautiful snowy white flowers. One of the very best vines for covering trellises and fences and is very much noted and prized for its beautiful fragrance. Pkt., 10c; 3 pkts., 25c; 6 pkts., 40c.

Dahlias

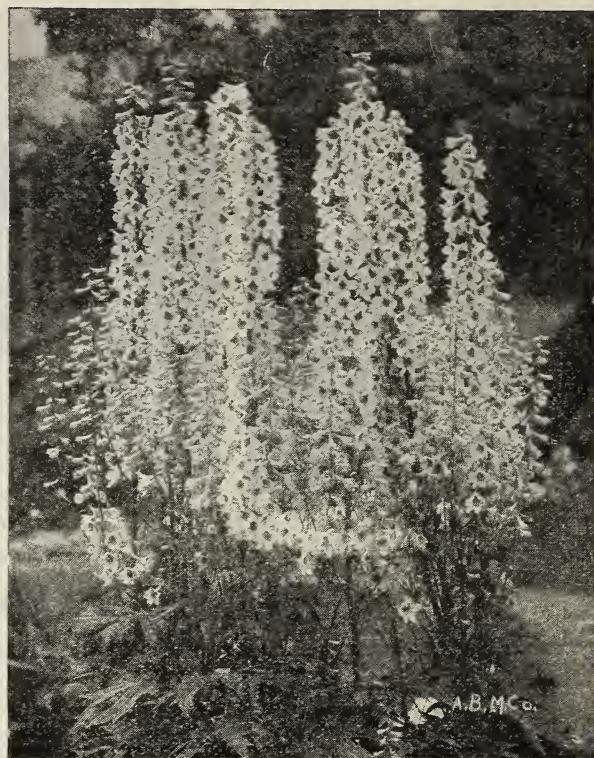
Grown From Seed. Some of the finest Dahlias are being grown from seed very successfully; many times giving better results than when setting the roots. Seeds germinate easily and plants will bloom about 3 to 4 months after planting. It is very interesting to grow Dahlias from seed. Large flowering. Mixed colors. Pkt. (125 seeds), 6c; 3 pkts., 15c; 6 pkts., 25c.

Daisy - Shasta

Burbank's new great novelty, producing large daisies with yellow centers and white petals. The flowers are from 1 to 3 inches in diameter and bloom the entire season. Fine for borders. Pkt., 10c; 3 pkts., 25c; 6 pkts., 40c.

Delphinium - Hardy Larkspur

One of the most showy and useful hardy perennial plants, producing beautiful flowers of various colors, shades and markings throughout the summer. Easily grown. Mixed colors. Pkt. (300 seeds), 5c; 3 pkts., 12c; 6 pkts., 20c.



Delphinium.

Dianthus - Hardy Garden Pinks

One of the most popular flowers in cultivation and gives a world of satisfaction as a hardy garden plant. For profusion of bloom and wonderful beauty, not many flowers can equal these. Seed can be sown under glass in the spring, or in open, sheltered beds. Grow about 12 to 14 inches tall. Mixed colors. Pkt. (225 seeds), 6c; 3 pkts., 15c; 6 pkts., 25c.

Digitalis - Fox Glove

Hardy perennial plants producing large spikes of richly colored flowers, excellent for cutting. Highly ornamental, with flowers in colors of white, pink, purple, yellow and various shades. Growing 4 to 5 feet high. Mixed Colors. Pkt. (300 seeds), 5c; 3 pkts., 12c; 6 pkts., 20c.

Daisy - Bellis Perennis

Sow seed early indoors and transplant to a rich, cool, partially shaded place. Bloom very early in spring and are fine for beds or borders. Mixed colors. Pkt., 6c; 3 pkts., 15c; 6 pkts., 25c.

Feverfew - Matricaria

A bushy plant growing about 3 feet high, covered with snowy white Daisy-like flowers; of great popularity for summer bouquets. Hardy annual. Pkt., 6c; 3 pkts., 15c; 6 pkts., 25c.

Forget-Me-Not - Myosotis

One of the most favorite little flowers. Thrives most anywhere, but succeeds best in damp, shady places. Neat and beautiful plant with star-like flowers of blue, white, rose and other shades.

Alpestris Mixed. Pkt. (300 seeds), 5c; 3 pkts., 12c; 6 pkts., 20c.

Four O'clock - Marvel of Peru

A well known garden favorite, very hardy, blooming the first season from seed. Grows about 2 feet high and is covered with various colored flowers which are very delightful and sweet scented. Mixed colors. Pkt. (50 seeds), 5c; 3 pkts., 12c; 6 pkts., 20c.

Fountain Plant**(AMARANTUS SALICIFOLIUS)**

A very easy growing hardy annual with long narrow leaves of brilliant colors; orange, scarlet, bronze, rose, etc. Plant is very attractive and beautiful and resembles a little colored fountain. Grows about 4 feet tall. Pkt. (100 seeds), 10c; 3 pkts., 25c; 6 pkts., 40c.

Gaillardia - Blanket Flower

The Gaillardia is greatly admired for the rich blending of colors which are very gorgeous. Thrives anywhere and the daisy-like flowers are excellent for cutting. Mixed. Pkt., 6c; 3 pkts., 15c; 6 pkts., 25c.



Gaillardia.

Godetia

An all summer flowering annual. Grows about 12 inches high and produces many pretty shades and colors. Finest mixed colors. Pkt. (175 seeds), 5c; 3 pkts., 12c; 6 pkts., 20c.

Geranium

A half hardy perennial easily grown from seed and produces plants that bloom the first season. Very desirable for pot culture and bedding. Pkt., 7c; 3 pkts., 18c; 6 pkts., 30c.

Heliotrope

On account of its delightful perfume the Heliotrope is one of the most desirable bouquet flowers. Blooms throughout the entire season and everyone loves their wonderful fragrance. Finest mixed. Pkt., 6c; 3 pkts., 15c; 6 pkts., 25c.

Hollyhocks

(NEW ANNUAL EVERBLOOMING) One of the most colorful summer and autumn flowering plants that may justly claim a place in every garden. A hardy perennial, easily grown. Pkt., 7c; 3 pkts., 18c; 6 pkts., 30c.

Hyacinth Bean - Dolichos

A tender rapid growing annual climber, growing about 10 feet high. Blooms freely in clusters which are followed by ornamental seed pods. Used for covering arbors, trellises, etc. Mixed purple and white. Pkt., 5c; 3 pkts., 12c; 6 pkts., 20c.

Job's Tears

This old-fashioned plant is very popular and the odd, tear-like seeds are often strung and used as beads and for other ornamental purposes. Hardy annual growing about 2½ feet high. Pkt., 6c; 3 pkts., 15c; 6 pkts., 25c.

Kochia**(MEXICAN FIRE BUSH OR SUMMER CYPRESS)**

Sometimes called Burning Bush. Is of very rapid growth and will thrive in the very driest conditions and always have a fresh green appearance. The light green, feathery foliage changes as the summer advances to a rich blood red and carmine. Fine for temporary hedge, border or dividing line. Pkt. (500 seeds), 5c; 3 pkts., 12c; 6 pkts., 20c.

Lobelia

A very valuable and beautiful dwarf growing plant, easy of culture and well adapted for bedding, edging, hanging baskets, pots or rockeries. Covered with a mass of bloom through the spring and summer. All colors mixed. Pkt., 6c; 3 pkts., 15c; 6 pkts., 25c.

Mignonette - Reseda

A flower garden, no matter how beautiful, is not complete without at least a small bed of Mignonette. It is an annual, one of the most delicately scented of all flowers. Grows 12 to 15 inches high from seed sown in open ground in early spring. Fine for pot culture. Finest mixed colors. Pkt. (450 seeds), 5c; 3 pkts., 12c; 6 pkts., 20c.



Brun's
Mastodon
Pansy.

Marigold

A well known annual of easy culture, with various colored, beautiful and fine foliage. Blooms from early summer until late in the fall and are very attractive as cut flowers, lasting for many days.

Dwarf French. Produce plants 6 to 8 inches high. Double. Mixed colors. Pkt. (175 seeds), 5c; 3 pkts., 12c; 6 pkts., 20c.

Tall African. Plants grow two feet high. Large double flower of beautiful shades and colors. Mixed colors. Pkt. (175 seeds), 5c; 3 pkts., 12c; 6 pkts., 20c.

Moonflower - Ipomoea

Beautiful annual outdoor climber with very dense foliage and produces immense flowers that are 5 to 6 inches across, produced in a wide range of delicate coloring. Grows to a height of 25 feet. Special mixed colors. Pkt. (15 seeds), 5c; 3 pkts., 12c; 6 pkts., 20c.

Morning Glory - Japanese Giant

This is an unusual Morning Glory; the flower being large and more beautiful than the ordinary kind. Colors ranging from snow white to black purple with various shades of fiery red, pink, rose, red, carmine, crimson, deep and pale blue, purple, maroon, cherry, bronze, brown etc. Mixed colors. Pkt. (100 seeds), 5c; 3 pkts., 12c; 6 pkts., 20c.

Nasturtiums

Nasturtiums are particularly nice and are appropriate for any occasion. The odor is only slight, the colors brilliant, anybody can grow them and they bloom all summer. I'll tell you a family secret. We had a big stump in our door yard, it was an unsightly thing, my wife wanted me to dig it out. But being a heavy weight I did not take to this idea kindly but suggested that she plant tall Nasturtiums around it, the effect was so beautiful that I never did have to remove the stump. Year after year it was a mound of beauty.

Brun's Giant Flowering Nasturtiums. (See outside back cover).

Dwarf Tom Thumb. A very fine mixture of every known color. Most admirably adapted to beds and borders. Pkt., 5c; 3 pkts., 12c; 6 pkts., 20c; oz., 15c; ¼ lb., 35c.

Brun's Special Mixture of Tall or Climbing Varieties. Contains all the leading varieties of the tall giant varieties and the beautiful combination of colors cannot be excelled. Pkt., 5c; 3 pkts., 12c; 6 pkts., 20c; oz., 15c; ¼ lb., 35c.

Brun's Mastodon Pansies

We believe we have the finest mixture of pansy seed to be found anywhere. **Brun's Mastodon Pansy** seed is especially grown for us by a man who has spent 29 years at nothing else than growing pansies for seed.

We are not listing separate varieties this season, but in this mixture you will get more for the price than you can by any other selection.

The varieties in this mixture are all of the Giant or Mastodon kinds which often produce blooms of 3 inches or more in diameter and cover the entire range of colors, from pure white to deep red and coal black, with all the shadings and combinations of colors in between. You should have a bed of these wonderful pansies. Finest mixed colors. Pkt. (150 seeds), 10c; 3 pkts., 25c; 6 pkts., 40c.

Petunia

Single-Flowered Bedding Petunia. These are most suited for large beds or borders. They will make a beautiful showy bed, giving a profusion of flowers from early summer until severe frost. **Brun's Select Mixture, all colors**, pkt. (300 seeds), 10c; 3 pkts., 25c; 6 pkts., 40c.

Rosy Morn Petunia. Dainty soft carmine pink with white throat. Very attractive. Plants bushy and compact with medium sized flower. Fine variety for pots and bedding. Pkt. (200 seeds), 10c; 3 pkts., 25c; 6 pkts., 40c.

Brun's Ruffled Giant Petunia. This strain is of incomparable size, luxuriance, and beauty. Flowers are ruffled or fringed with a wide range of colors. Mixed colors. Pkt. (100 seeds), 25c; 3 pkts., 60c.

Brun's Annual Phlox - Drummondii

This distinctly American flower is one we may well be proud of, it is extremely beautiful, neat in growth, and an extraordinary bloomer.

Phlox Drummondii or Pride of Texas, of which state it is a native, is one of the most brilliant of the annual flowers. Seed should be sown in ground as soon as danger of frost is over and in a few weeks the beds are a blaze of gorgeous colors beyond description.

Select Grandiflora Mixed. Many different colors. Fine for large beds and masses. Pkt. (150 seeds), 6c; 3 pkts., 15c; 6 pkts., 25c.

Large Blood Red. Darkest colored. Pkt. (100 seeds), 6c; 3 pkts., 15c; 6 pkts., 25c.

Primrose. Soft primrose-yellow. Large flowers. Pkt. (100 seeds), 6c; 3 pkts., 15c; 6 pkts., 25c.

Alba. Pure white. Large flower. Pkt. (100 seeds), 6c; 3 pkts., 15c; 6 pkts., 25c.

Portulaca - Moss Rose

Sometimes called "Sun Plant." Will grow and bloom profusely in the driest, hottest seasons, where almost any other plant would soon die. The plants are of low growth and spreading in habit. Each plant covering a space of about 2 feet in diameter. Sow seed in open ground when the weather is warm. The plant can be transplanted when in full bloom. All colors, single and double mixed. Pkt. (350 seeds), 5c; 3 pkts., 12c; 6 pkts., 20c.

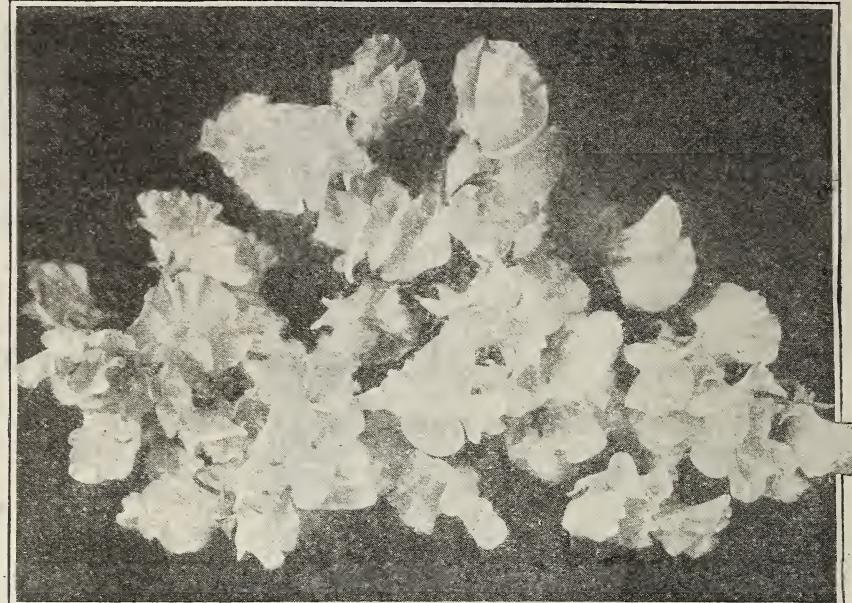
Primula - Cowslip

A beautiful little hardy flower that is easy to grow. The flowers come in various colors of brown and red and light lavender. Grows about 6 inches high and is hardy. Pkt., 6c; 3 pkts., 15c; 6 pkts., 25c.

Salpiglossis

VELVET TRUMPET

One of the most attractive and charming flowers that should be grown in every garden. The flowers are bell-shaped with unusually beautiful veining and markings. Rich in velvet colors of yellow, brown, bronze, copper and old gold. Mixed colors. Pkt., 10c; 3 pkts., 25c; 6 pkts., 40c.



Sweet Peas.

Salvia - Scarlet Sage

The scarlet Salvia are among the most brilliant red-flowering bedding plants in cultivation. Stands heat and drought very well and its colors are very showy. Seed is best started in a hotbed or indoors and set outside after danger of frost.

Splendens. The most popular variety with beautiful large, bright scarlet flowers. Grows about 2½ to 3 feet high. Pkt. (150 seeds), 7c; 3 pkts., 18c; 6 pkts., 30c.

Scabiosa - Mourning Bride

Here is one of the very best bouquet flowers and is also fine for masses or clumps in a flower garden. The flowers are borne on long, wiry stems. Very easily grown. It is an annual, growing 12 to 18 inches high. Mixed colors. Pkt., 6c; 3 pkts., 15c; 6 pkts., 25c.

Smilax

A climbing plant noted for its dark and lustrous green foliage. Fine for hanging baskets and table decorations. Pkt., 5c; 3 pkts., 12c; 6 pkts., 20c.

Snapdragon - Antirrhinum

One of the most valuable and decorative flowers which can easily be grown from seed. It has been greatly improved in recent years and is now one of the favorite flowers in American gardens. Plants grow 2 to 3 feet high and bloom until late in the fall.

Bruns Giant Flowered Mixed. Pkt. (300 seeds), 5c; 3 pkts., 12c; 6 pkts., 20c.

Schizanthus

BUTTERFLY FLOWER OR POOR MAN'S ORCHID.

A beautiful half-hardy annual. The flowers are butterfly-shaped, of rich and varied colors, and completely cover the plant. Plants grow about 2 feet high and are very easily grown.

Best Varieties Mixed. Pkt., 7c; 3 pkts., 18c; 6 pkts., 30c.

Sunflower - Globes of Gold

(CHrysanthemum Flowered)

This is the finest of all double sunflowers; the large beautifully fringed flowers are rich golden yellow, many being borne on each plant. Admirable for the back of tall borders, fence lines, etc. Does well anywhere. Pkt. (60 seeds), 5c; 3 pkts., 12c; 6 pkts., 20c.

Sweet William

The well known old-fashioned favorite flower of our grandmother. One of the most beautiful edging and border plants. Very fragrant and a favorite with everyone for vases and bouquets. Perfectly hardy.

Double Mixed. All colors. Pkt. (250 seeds), 5c; 3 pkts., 12c; 6 pkts., 20c.

Single Mixed. All colors. Pkt. (250 seeds), 5c; 3 pkts., 12c; 6 pkts., 20c.

Verbena - Bruns Giant Mixed

We believe this is the most wonderful collection of Mammoth Flowering Verbenas ever offered. The flowers contain a wide range of beautiful shades and colors. Is one of the most useful of the annuals as it is always attractive in any mixture with other flowers. Fine for vases, window boxes or for bedding. Mixed colors. Pkt. (250 seeds), 7c; 3 pkts., 18c; 6 pkts., 30c.

Sweet Peas

Plant them early in a trench, fertilize extremely well. Barnyard manure, well decayed, is as good as anything, use plenty well mixed with the soil, cover the seed two to three inches, hoe the dirt around them as they grow, so they will finally be six inches to a foot deep. It's better to prepare the soil in the fall. Dig it deep. If you want nice, big Sweet Peas don't plant the seed closer than three inches apart or thin the plants to that distance. Don't plant in the shade or near a building, during hot summer weather water well twice a week, a lath or wire support is best. There are many varieties, all beautiful. Our **Twelve Tribes** are the talk of the whole country. This is no ordinary mixture, but is made up of the best named sorts that have been proven for years. Pkt., 10c; 3 pkts., 25c; 6 pkts., 40c; oz., 35c; ¼ lb., \$1.00. See color illustration on outside back cover.

Bruns Gorgeous Mixture. In addition to our collection of sweet peas shown on the back cover, which are the Spencer Mixed and Butterfly varieties, we offer a collection that contains all sorts of types of the Spencer and Grandiflora varieties. This is a very good mixture at a moderate price. Mixed colors. Pkt. (150 seeds), 7c; 3 pkts., 18c; 6 pkts., 30c.

Vinca - Periwinkle

A very beautiful plant with laurel-like foliage and handsome pink and white flowers. If seed is sown early the plants bloom the first summer and they may be taken up and potted in the fall. They make fine house plants and are especially good for hanging baskets. Mixed. Pkt., 7c; 3 pkts., 18c; 6 pkts., 30c.

Zinnia

The Zinnia is prized for its brilliant colors, size and perfection of its flowers and for its sturdy growth. They are among the easiest plants to grow and you get a great variety of colors; useful for bedding or borders and will bloom continually from spring until frost comes in the fall.

Mammoth Double Giants. Enormous size flowers, averaging 3½ to 4½ inches in diameter, and are of the richest and most varied brilliant shades and colors. Mixed colors. Pkt. (100 seeds), 7c; 3 pkts., 18c; 6 pkts., 30c.

Giant Flowering Dwarf. Plants are bushy and compact. The flowers are large, perfectly double and in many colors. Fine for bedding purposes. Mixed colors. Pkt. (150 seeds), 7c; 3 pkts., 18c; 6 pkts., 30c.

Picotee Type. This is a remarkable new type of Zinnias from California. Produces large double flowers measuring from 4 to 6 inches in diameter, in the following colors: orange, yellow, flesh and pink; petals tipped with a dark chocolate or maroon shade, giving the flowers a very pleasing appearance. Very desirable for bedding or for cutting. Mixed colors. Pkt. (100 seeds), 10c; 3 pkts., 25c; 6 pkts., 40c.

Peonies

I have told you that Gladioli and Peonies were in my list of hobbies, and so I have begun planting and I am going to keep it up now, each year giving you the benefit of my experience. For years my friends have wanted to buy larger plants of Peonies, and small clumps for immediate effect, and sometimes we were not able to supply them. I am arranging to supply these but perhaps will not be able to do so until another year. We have a long list of Peonies. Can furnish you practically anything you want, although our list is comparatively small. In selecting this list I have done so with a view of giving you the varieties that I think you will like. We are prepared to fill orders, either spring or fall delivery, for these varieties and many others, and will be glad to make you a special quotation on large quantities. Peonies should be transplanted in the fall, but people insist on waiting until spring, so we are complying with your request to furnish these varieties for spring planting. I don't know but what it's just as good.

FESTIVA MAXIMA is probably the largest and purest white, with inner petals slightly tinted with carmine; the flowers are borne on long, heavy stems. For best effect allow them to make only one blossom to the stem. Experts speak of this as singleing. When he tells you that his Peonies are singled, he means that he allowed each stem to make only one bloom.

RICHARDSON'S RUBRA SUPERBA is an elegant dark red. Plants tall and strong, late to bloom and large stems.

EDULIS SUPERBA is a large, full, light pink, and old variety and still very popular.

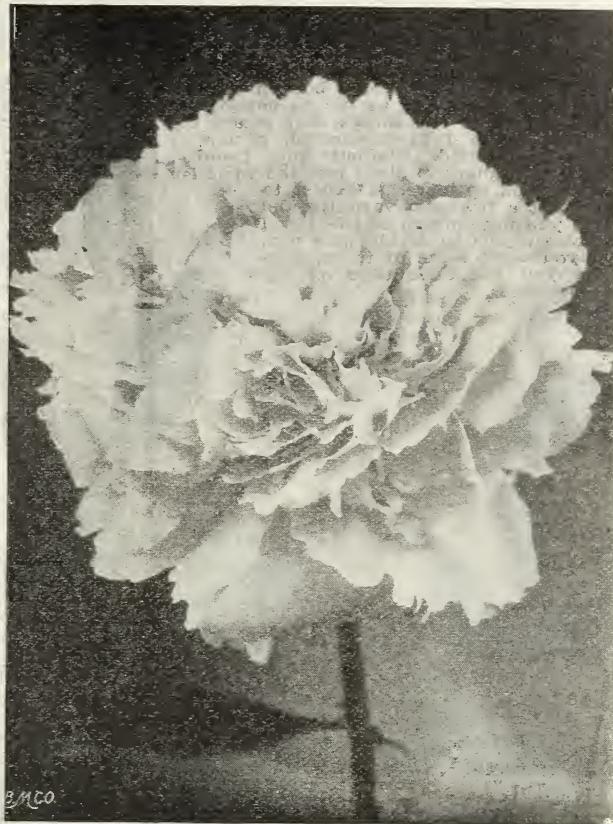
AMERICAN BEAUTY. Same color as American Beauty rose; is large, fragrant and very fine.

CRIMSON QUEEN is early, dark red, tall and large.

QUEEN VICTORIA. Outer petals blush white, center edged with pink.

FELIX CROUSSE. This is one of exceptional value, not fragrant, very solid red, practically no division of the outer petals and center, late flowering.

	Each	Doz.
Festiva Maxima	\$0.50	5.25
Richardson's Rubra Superba	.90	9.00
Edulis Superba	.50	5.25
American Beauty	.80	8.00
Crimson Queen	.80	8.00
Queen Victoria	.80	8.00
Felix Crousse	1.00	10.00
Unnamed White	.40	4.00
Unnamed Red	.40	4.00
Unnamed Pink	.40	4.00



Festiva Maxima Peony.



A Good Lawn.

ALL LIVE ROOTS

The Dahlias we ship are divisions of field-grown clumps, and are guaranteed to be sound and alive, and to sprout with any ordinary care. Remember the sprout on a Dahlia root or tuber comes right at the neck or stem end. You often cannot see the bud or sprout at first, as it is dormant.

Lawn Grass

Almost everyone is interested in a good lawn, when you go picnicking and sit around under the shade of the trees on the beautiful sod of Blue Grass, you frequently remark, "Why can't we have lawns at home like this." You could if you would; picnic grounds are not mowed with a lawn mower so frequently, the ground is usually a clay soil that will hold the moisture well. The natural home of Kentucky Blue Grass, which is what you want when you sow a lawn, is on clay soil, but what do you do when you build a house? Dirt from the excavation is left nearby, temporarily, after the house is finished you have someone come and smooth off your lawn and cover the surface with black soil, which is all right if weather conditions remain good, but it is always better if you will allow the clay to remain on top. You can use fertilizing material if you like, but clay soil, moisture and sunshine will produce a good lawn, if you use the mixture of lawn grass that I am offering you. **Price, 1b., 60c. postpaid.** We can furnish a cheaper grade of lawn grass at 45c. This mixed Lawn Grass is good honest seed, but not as heavy as the higher priced seed, contains no bad weeds though. **Price, 1b., 45c. postpaid.**

Another thing, people seldom ever sow enough seed. Lawn Grass seed should be sown at the rate of two pounds of seed on every ten feet square; of course, it will cost you something for the seed, but I wouldn't advise you to get along with less. Farmers usually sow two to three bushels of oats per acre, you might argue that a bushel would be enough, the same argument would hold true in regard to Lawn Grass. Lawn Grass may be sown at any time during the year, but it is better to sow it in the spring or fall. There is another way in which you can get a lawn, a good stand of grass for less money. If you want to know how, I will tell you, but you will have to write and ask me.

Bulbs for Fall Planting

We always have a supply of bulbs for fall planting, such as Tulips, Narcissus, Jonquils, Chinese Sacred Lilies, Outdoor Lilies, although we publish no fall catalog. These we buy mostly for our stores at Washington, Sigourney and Davenport, but I will be glad to divide with you if you will ask for prices this fall.

MIXED DAHLIAS

We have a lot of Dahlia bulbs, all colors and kinds, that we will sell cheap. These are the product of left-over bulbs planted last spring on our trial grounds. The season was good and the bulbs are sound and sure to bloom, but I can't tell you what color they will be as they are all mixed together. **Price, 3 for 25c; 7 for 75c; 15 for \$1.00, postpaid.**

I never expect to retire. I detest a man who is willing to rust out. I have never taken a vacation in my life with one single exception of two weeks, but as I grow older, I would like as far as possible to select and do the things that please me most and so I have selected, partly as my playground, **Gladioli** and **Peonies**, and I am going to plant just the varieties I like and no more. I expect to try out a few new varieties and tell you my opinion of them and I also expect to divide with you, if you want some of them, giving you the advantage of my experience.

You
Plant
Bulbs
to
Grow—
Ours
Grow.

Gladioli
Prices
On
Next
Page



Gladioli

Gladioli as cut flowers are appropriate for all occasions; anyone can grow them. If you were to ask me how to grow **Gladioli** I would say promptly, if you know how to grow potatoes you can grow **Gladioli** in the same way. Plant them in the spring as early as you can, even if the ground does freeze afterward, it will do no harm if the bulbs do not actually freeze. The early bloomers are always more desirable. **Gladioli** have no odor, consequently, you need not hesitate to send a bouquet to the hospital or to your sick friends. It is both the poor man's and rich man's flower, and the splendid thing about it is that you may "eat your pie and have it", because when you grow a splendid bloom you also grow a splendid bulb and a small family of bulblets, which, when planted, same as young onions, will not bloom the first year but will produce blooming size bulbs. **Gladioli** must be taken up and kept in a very dry place during the winter where they will not freeze. I once had a very fine old lady friend who would take her **Gladioli** in the fall, pull off the outer husks or leaves, dry them and put them in a paper sack and keep them over winter in a bureau drawer in the living room; now you know how to keep them.

First of all I want to tell you about **AMERICA**. When **AMERICA** was first introduced, the small bulbs sold as high as \$2.00 each. This variety I consider one of the best, perhaps the name has something to do with it, but it is a beautiful pink. There is a little controversy about whether **AMERICA** is salmon pink or a light pink, but anyway it is beautiful. It is a strong, heavy grower. The stalks are erect and strong enough that they seldom ever go down and are not so tall as to be top-heavy.

The **CHICAGO WHITE** is a new favorite. The habit of growth is very much the same as **AMERICA**, before they bloom you might easily think they were all **AMERICAS**, but the **CHICAGO WHITE** is one of the finest whites in the list and you will like it, I'm sure.

The **HALLEY** is a variety belonging in the pink or red class, not as red as the **Mrs. Francis King**, which it very much resembles as a bloomer, but in habit of growth it is quite different. It is of medium size, a good free bloomer and very desirable and early.

MRS. FRANCIS KING is a beautiful brilliant vermillion-scarlet. In habit of growth I might say that it is progressive or high minded. None of its relatives are so tall, in fact, you might almost call it long legged. It should be planted deep, set the bulbs with the tips up, of coarse, about four to 8 inches apart in the row and 6 or 8 inches deep, and then as they grow, hoe dirt around them so they will finally be about eight inches deep. This will cause them to produce stronger blooming stems, as well as causing their habit of growth to be more erect. Without this the **Mrs. Francis King** would be very likely to topple over in wet weather.

The **NIAGARA** in habit of growth is very much like the **AMERICA** and the **CHICAGO WHITE**, but in color it is different from either. It belongs to the yellow, I guess, although some describe it as a desirable cream. I don't know as it is necessary to say "desirable cream", because all cream is that, if it is cream, but **NIAGARA** does not belong in the skinned milk class. Some even describe it as a canary-yellow, but there are splotches of red here and there which make it a very unusual variety, but one that harmonizes and one that is extremely beautiful.

The length of season is about the same as those described before with the exception of the **HALLEY**. The length of season, however, will depend somewhat upon weather conditions and the time you plant.

The **SCHWABEN** is a rank grower, very prolific and belongs to the yellow class; a clear canary-yellow but will fade within a few days to a sulphur color. This is very distinct and a very good one.

I suppose, of course, since we have reds and whites, that it would be very natural for you to want blue ones, too. A number of years ago I supplied for a patriotic meeting, **Gladioli** in red, white and blue.

Gladioli-Continued

I used the **WAR**, **CHICAGO WHITE** and **BARON HULOT**, which is without a doubt the best blue on the market today. The **BLUE JAY** is very similar, but taller and not so good. If you want a red, the same kind of a red that you use to flag a train, get the **Gladiolus called WAR**. It is described as a deep blood red, shaded to crimson-black. If red is at all becoming to you, you will like the **War**. And then there is a white one that I want to tell you about in this connection, and I will have you know that it is no ordinary white, either. I don't know anything about the origin of either **War** or **Peace**, but I know they came into common use about 1917, and because of their excellence they have both remained favorites, in fact they are becoming more popular each year.

The **PEACE** is a white, a big white, with some color, perhaps sort of a pale violet on the lower petals. Growing on a strong, upright stalk, and I feel that too much cannot be said in favor of this fine variety.

The **PANAMA** is a variety that I like very much. It is really a very beautiful thing, but there is one thing about it that I criticize most severely; it is sometimes substituted for **AMERICA**. It is a little longer, perhaps heavier, a little more definite pink or deeper pink. It is a beauty all right, but not an **America**.

There is one variety that will always stick out prominently wherever there are beautiful **Gladioli**, and that is the **PRINCEPS**. It is as red as **War** but, as though it were not satisfied with that, it is marked with white on the lower portion, which really serves to intensify the beauty of it. With regard to its habit of growth, it is not as large as some of its brothers but it is medium size, a good, free bloomer, and requires about the same season as the average **Gladiolus**.

The **EMPEROR OF INDIA** is one of the prettiest velvety varieties. Rich, dark maroon in color. In habit of growth it is not large, the blooming stems are sometimes even short, but the rich color is there and it is beautiful and prominent, even though it may sometimes be small.

I am going to try a few of the **PRINCE OF WALES** again. It is a nice big name. It is described as being something like the **HALLEY** but larger, taller and earlier, and is of a charming coral pink. I think this is one that I will want to keep and I will divide with you if you want some of them.

The **WILLY WIGMAN** does not by any means complete the list but it is the last one I expect to mention because this is enough to catalog. There are hundreds of others some of them may be as good as these, but I am only telling you of those that I know about. **Willy Wigman** is a creamy white with a scarlet blotch. It is a very extraordinary variety, a free bloomer and a rank grower.

If you will come to Washington this year in July or August I will be glad to show you some of these varieties and some others and will be glad to have you tell me about the success that you have made in growing these and other sorts. If you have anything that has given you exceptional satisfaction, I would appreciate it if you would send me a few of the blooms with a full description, so that I may catalog them another year if they are of proven value.

Then I have a mixture that I want to tell you about. When I came here last August the boys had a nice field of **Gladioli** that were blooming beautifully. In some way the planting record had been misplaced; many of the varieties, of course, I recognized, others I did not, and so I decided to give our customers the advantage of an unusually good mixture. These bulbs have been dug, dried and are ready for sale. We will refer to them as the **RIVER VIEW MIXTURE OF GLADIOLI**. The price of this mixture of splendid beautiful **Gladioli** to you is, 6 for 25c; 12 for 40c; 25 for 75c; 100 for \$2.50, postpaid. 1,000, by express, you to pay charges, \$20.00.

GLADIOLI SPECIAL OFFER NO. 93.

One each of our 14 varieties of **Gladioli**, fully described on these pages, for \$1.34. I quote you one each of these extra selected, large size bulbs, 14 in all for \$1.20; 2 bulbs each, \$2.25; 3 bulbs each, \$3.00.

We cannot change this collection in any way. These prices are postpaid to you.

GLADIOLI SPECIAL OFFER NO. 33.

	2 each	3 each	4 each
War	\$0.24	\$0.36	\$0.48
Peace	.20	.30	.40
Baron Hulot	.24	.36	.48
Total	\$0.68	\$1.02	\$1.36
Special Price	.55	.92	1.17

Prices are postpaid except in lots of 1,000.

	Each	Doz.	25
America	\$0.07	\$0.65	\$1.35
Chicago White	.08	.75	1.25
Halley	.07	.65	1.35
Mrs. Francis King	.08	.75	1.50
Niagara	.10	1.00	1.75
Schwabens	.12	1.25	2.40
Baron Hulot	.12	1.25	2.40
War	.12	1.25	2.40
Panama	.07	.80	1.35
Princeps	.10	1.00	1.75
Peace	.10	1.00	1.75
Empress of India	.10	1.00	1.75
Prince of Wales	.15	1.50	2.75
Willy Wigman	.10	1.00	1.75

GLADIOLI Big Bulbs and First Class

	2 Ea.	3 Ea.	4 Ea.
America	\$0.12	\$0.18	\$0.24
Chicago White	.16	.24	.32
Mrs. Francis King	.10	.24	.32
Empress of India	.20	.30	.40

Total \$0.58 \$0.87 \$1.16

Special Price47 .76 .98

This collection cannot be changed in any way.

These prices are postpaid to you.



Empress of India.

Gorgeous

Cannas

If you would go to some of the parks, particularly the parks in Kansas City and St. Louis, you would see great beds of **Cannas**, more **Cannas** than you ever heard of before and every one of them with a real front name and a pedigree, but what most people want when they buy **Cannas** is the foliage, the size and the bloom. There are both bronze and green leaf varieties: there are both tall and dwarf varieties and there is yellow bloom and many shades of red, take your pick.

The **KING HUMBERT** is a large bronze-leaved variety and the flowers are of a velvety orange color; while it belongs to the dwarf variety, it will sometimes, under favorable conditions, grow as high as five feet. I think it is the only variety of **Cannas** that has ever been successfully forced; it will do reasonably well indoors, but, of course, will be very dwarf.

WYOMING is a bronze-leaf and a very strong grower, frequently attaining the height of seven or eight feet. It also has orange colored blossoms.

The **YELLOW HUMBERT** has green leaves and a rich yellow bloom, belongs to the dwarf family and is a very striking variety.

INDIANA is a green-leaf, orange colored blossom, very large, beautiful.

FIRE BIRD has most beautiful red-flowering blooms, in fact you might say that they are of glistening bright scarlet in color; the foliage is green and the plants grow large.

MARVEL is a dainty blossom, scarlet edged with gold, making a very beautiful effect.

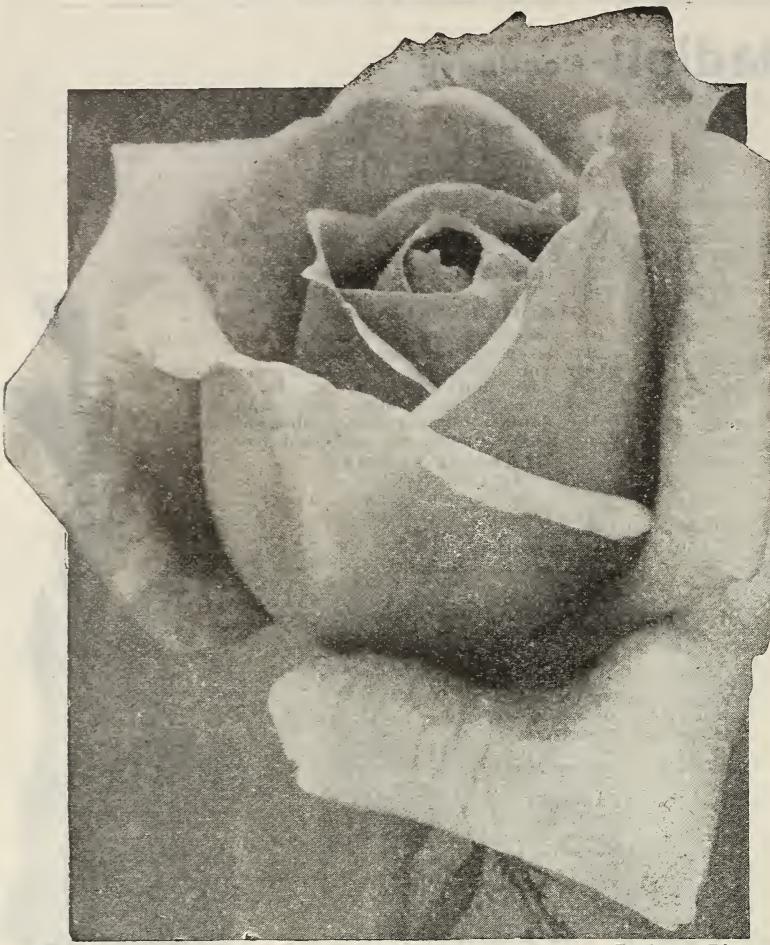
HUNGARIA is a delicate rose pink and **MONT BLANC** has a pure white blossom.

Prices, 20c each; \$1.75 per dozen, by mail, postpaid. Either one variety, or as many as you desire to select.

Cannas will do best on a warm, moist sandy soil, but a soil that is fertile will produce much better **Cannas**. You will get much more good from them if you start the bulbs in the house or greenhouse, so that they may be large by the time the weather is good enough to set them outdoors. **Cannas** will respond to good treatment in a very definite way. If you will water them every morning with warm water, pouring it over the leaves and around the roots you will be surprised at the way in which this will stimulate the growth. **Canna** seeds may be saved and planted but they should be started in the house as early as January or February. Put them in a bowl, pouring boiling water over them and allow them to remain over night, then plant them. The outer hull of a **Canna** seed is harder than a nut and will not grow unless this is broken carefully. Hot water will do it. If you prefer, however, you can file a small hole in seed, soak in cold water or plant in moist soil.

Moon Flower Fine Seed should be treated in the same way or it will not grow, also seeds of wild cucumber vines.





"Monthly Blooming" Garden Rose, Ophelia. Perfect in Bud and Bloom.

HARDY HYBRID PERPETUAL ROSES

Madame Chas. Wood. There is hardly a day from early June until frost that this variety is without a show of large fragrant dazzling scarlet-crimson flowers—it blooms the summer through almost uninterrupted. Each, 1-yr., 30c; 2-yr., 70c; 3-yr., \$1.25.

White American Beauty. The best snow-white Rose we have. Splendid buds and immense flowers. Very distinct. Each, 1-yr., 35c; 2-yr., 70c; 3-yr., \$1.25.

Paul Neyron. The largest of all. A beautiful deep rose-pink color. 1-yr., 30c; 2-yr., 70c; 3-yr., \$1.25.

Gen. Jacqueminot. The famous "General Jack" Rose. Velvetly crimson. Each, 1-yr., 30c; 2-yr., 70c; 3-yr., \$1.25.

Gloire Brussel. The nearest black Rose grown. Deep blackish-crimson with pronounced maroon shades. A "different" Rose. Each, 1-yr., 30c; 2-yr., 70c; 3-yr., \$1.25.

Gloire Lyonnaise. Rich creamy-white, tinted orange and fawn. 1-yr., 30c; 2-yr., 70c; 3-yr., \$1.25.

almost black. Each, 1-yr., 30c; 2-yr., 70c; 3-yr., \$1.25.

Clio. "Peony Rose." Flesh, shaded rose-pink. Each, 1-yr., 30c; 2-yr., 70c; 3-yr., \$1.25.

HARDY CLIMBING ROSES

Climbing American Beauty. Same color, size and fragrance as American Beauty, with the addition of a climbing habit as rampant as Thousand Beauties. Each, 30c; 2-yr., 65c; 3-yr., \$1.25.

Thousand Beauties or Tausendschoen. The name describes its delightfully varying shades of color, ranging from blush white to deep pink. Each, 25c; 2-yr., 65c; 3-yr., \$1.00.

Crimson Rambler. Popular outdoor climber, bearing clusters, completely covering the bush, of from 20 to 40 blooms. Each, 20c; 2-yr., 60c; 3-yr., \$1.00.

Blue Rambler. A distinct novelty. Steel blue flowers borne in clusters. Each, 25c; 2-yr., 65c; 3-yr., \$1.00.

Paul's Scarlet Climber. "Hardy Everblooming Climber." And with its climbing and everblooming qualities the fragrant scarlet flowers are large and double like those of a bush Rose. Something new. Each, 30c; 2-yr., 75c; 3-yr., \$1.25.

White Dorothy Perkins. Pure white flowers in clusters. Each, 20c; 2-yr., 65c; 3-yr., \$1.00.

Shower of Gold. Deep golden yellow and orange. Fast grower. Each, 30c; 2-yr., 70c.

Dorothy Perkins. Its fast growing qualities are unequalled, and the large clusters of shell-pink flowers are wonderful. Each, 25c; 2-yr., 60c; 3-yr., \$1.00.

EVERBLOOMING (MONTHLY)

Roses

All sizes offered should flower within the first year after planted.

American Beauty. The most famous of American Roses. Rich color and delicious fragrance. Deep brilliant red, shading to a rich carmine-crimson. 1-yr., 30c each; 2-yr., 60c; 3-yr., \$1.00.

White Maman Cochet. "The masterpiece of perfection in a Rose." Color, silvery white, with porcelain shadings. Very distinct—flowers enormous size with high pointed center—a model for exhibition purposes. 1-yr., 20c each; 2-yr., 60c; 3-yr., 90c.

Mad. Collette Martinette. Color beautiful coppery orange, buds opening cup-shaped and fragrant. The blooms are large, borne on good stems, the distinctness of the variety pleasing all rose lovers. 1-yr., 20c each; 2-yr., 60c each; 3-yr., \$1.25 each.

Rhea Reid. "The reddest of red Roses." Extra large; wonderful foliage; strong grower. 20c each, 2-yr., 60c; 3-yr., 90c each.

Sunburst. Very striking flowers of rich yellow, with orange center. Perfect both in bud and bloom. 1-yr., 30c; 2-yr., 60c; 3-yr., \$1.25 each.

Columbia. It is a big Rose, the open flower measuring six inches across. Color, true pink, deepening as it opens to a glowing pink. 30c each; 2-yr., 60c each; 3-yr., \$1.00 each.

Ophelia. Salmon-flesh color, shaded with rose. Large flowers, long stems, fine for cutting. 1-yr., 30c each; 2-yr., 60c each; 3-yr., \$1.00 each.

Kaiserin Augusta Victoria. The best white Rose in the world. It is a continuous bloomer; shows no center when fully open, color snowy-white. 1-yr., 20c; 2-yr., 60c; 3-yr., 90c each.

Killarney. Remarkable for the size of its intensely fragrant flowers. Brilliant sparkling pink. 1-yr., 25c each; 2-yr., 60c; 3-yr., 90c each.

Etiole de France. A brilliant shade of velvety crimson. Very striking. Flowers are extremely large on long, but stiff stems—unexcelled for cutting. 1-yr., 20c each; 2-yr., 60c; 3-yr., 90c.

DWARF (Polyantha) BUSH ROSES

Will Bloom the Summer Through.

Baby Doll. Golden yellow, tipped with cerise. The "Sweetheart" Rose. Excellent for both summer and winter blooming. 1-yr., 25c each; 2-yr., 70c each.

Orleans. Deep cerise or geranium pink, with center of pure white. 1-yr., 25c each; 2-yr., 70c each.

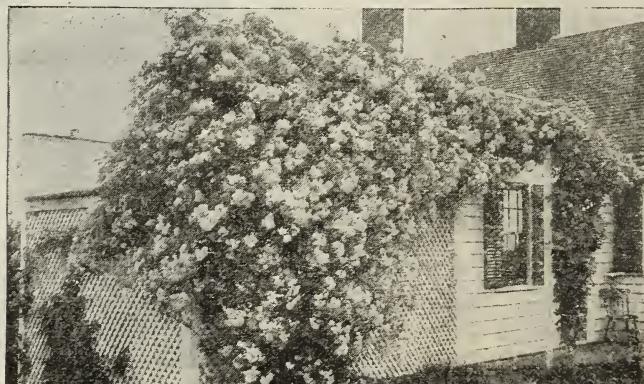
Ellen Poulsen. Comparatively new. Rich dark pink flowers borne in profusion. A continued bloomer. 1-yr., 25c each; 2-yr., 70c.

George Elger. A lovely golden yellow polyantha. None better. 25c each; 2-yr., 70c each.

Jessie. Bright cherry crimson. Does not fade. 1-yr., 25c each; 2-yr., 70c each.

Baby Rambler. It forms compact bushes, covered with clusters of rich cherry-red flowers throughout the season. 1-yr., 25c each; 2-yr., 70c each.

HARDY MOSS ROSES We offer 2 varieties: **Crimson Globe**, enormous crimson blossoms, sweetly fragrant and beautifully mossed. **Elizabeth Rose**, large, well-mossed, fragrant, deep pink buds and blooms. Each, 35c; 2-yr. plants, 70c.



Hardy Climbing Rose, Thousand Beauties.

Popular Decorative Ferns

Boston Fern. Drooping fronds often six feet in length. A fern that looks well anywhere. 25c; larger plants, 50c-\$1.00 each.

Ostrich Plume Fern (*Nephrolepis Whitmanii*). The waxy plume-like fronds are often 8 inches wide. Upright and stocky growth. Each, 25c; stronger plants, 60c; larger plants, \$1.00.

Hardy Fern. For shady places. Can be left outside during winter, and in the spring it starts a new growth like the Peony. A graceful plant with fronds equal to those of any of the tender varieties. Requires rich soil; shady, moist position; good drainage. Each, 45c; 3 for \$1.20; large size, 65c each.

Newport Parlor Fern. Resembles the Boston, excepting that that it has a more finished appearance. Each, 30c; stronger plants, 50c; large plants, \$1.00.

Lace Fern (*Asparagus Plumosus*). Leaves are bright green, gracefully arched, and as finely woven as the finest silken mesh. A very fast grower. Nice plants, 25c each; large plants, 60c.

Feather Fern (*Asparagus Sprengeri*). Gracefully drooping sprays 3 to 4 feet long. When grown in suspended pots it makes one of the prettiest plants for the house or porch. Each, 20c; large plants, 35 and 50c each.



Ostrich Plume Fern (Compacta).

Carnations

Matchless. A matchless white. Clove scented. Ideal for bouquets. 25c each.

Beacon. "The Lighthouse Carnation." A rich crimson; blooms average 3 1/2 inches in diameter. 25c each.

Enchantress Supreme. A striking salmon-pink variety. 25c each.

Gaiety. Glossy white, delicately penciled scarlet. Exceptional. 25c each.

HARDY CARNATIONS

Flowers double, clove-scented, and the plants will stand outdoors year after year increasing in size. Entirely hardy. Each 25c; 3 for 72c.

Abbotsford. Deep carmine, marbled with white.

Her Majesty. Color pure white. Very sweet scented.

Homestead. Beautiful growing red, maroon center.



Giant Cineraria—The Rival of the Primrose.

The Best Fuchsias

Price, 24c each; 3 for 68c; 12 for \$2.30.

Phenomenal. Bright scarlet flowers with rich purple corolla.

Wave of Life. Golden foliage; flowers dark purple.

Gloire des Marches. Double; deep scarlet and white.

Speciosa. Flowers are four inches or more in length; tube and sepals bright carmine.

Black Prince. Flowers carmine-rose; extra large.



Hibiscus Peachblow.

As Easily
Grown as
a Geranium.

Hibiscus Peachblow

(See illustration). A beautiful tropical shrub-like plant with glossy-foliage, and gorgeously colored flowers of a rich peach-pink shade, often five to six inches across. Price, 25c each; 3 for 70c.

Hardy Hibiscus

(Mallows)

Attractive as a single plant on the lawn, planted along the walk, or as a bushy hedge, producing from June until fall a show of beautiful flowers six inches and over across. Stands the coldest winters. We offer three shades: white, pink and crimson. Each, 40c; 3 for \$1.12; smaller plants, 25c each.

Double Fringed and Frilled Petunias

Popular flower-colors, purple, lavender, white, variegated, purple streaked and mottled white. Price, 25c each; 3 for 70c.

NEW COLEUS CHRISTMAS GEM

Leaves bright carmine, shading off to deep maroon, the margin being yellow and green, and whole leaf having a rich velvety lustre. Leaves sometimes over 12 inches long. 25c each; 3 for 72c.

HELIOTROPE MIDNIGHT

Size of foliage and flowers is double that of old varieties, and the plant is compact and bushy, flowering heads sometimes measuring 16 inches across. 24c each; 3 for 68c.

BRAZILIAN PLUME PLANT

Strong rapid grower, shoots tipped with beautiful plume-like flowers, petals drooping in a charming manner. 30c.



Fuchsia, Gloire des Marches.

Double Geraniums

S. A. Nutt. The darkest red Geranium known; always in bloom. 25c each; 3 for 72c.

Jean Viaud. Rosy-pink; free flowering. 20c each. Buehner. Bushy plants with flowers of purest white; very large. 20c each.

Mrs. Lawrence. A wonderful shade of satiny salmon pink. 20c each.

Alphonse Ricard. Brilliant orange-red; semi-double. 20c each.

Jean Oberle. A most attractive shade of hydrangea or peach pink. 25c each.

FANCY LEAVED GERANIUMS

Happy Thought. Dark green foliage with creamy white center, bordered bronze. Flowers scarlet. 26c each.

Golden Tricolor (Mrs. Pollock). Leaves have bronze zone belted with crimson and edged golden yellow. Orange-red flowers. 30c each.

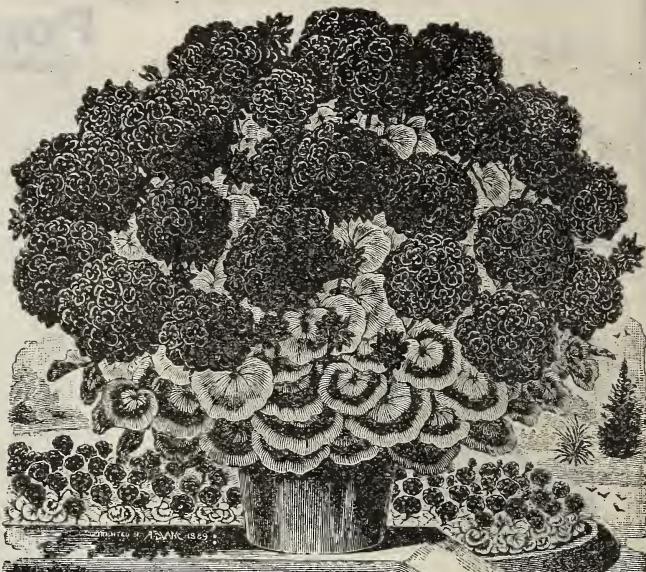
Silver-Leaved S. A. Nutt. The most beautiful of the silver-leaved varieties; flowers dark red. 25c each; 3 for 72c.

SWEET-SCENTED GERANIUMS

25c each; 3 for 60c; \$2.10 per dozen.

Cut-leaf Rose. Sweetly scented rose. Pink flowers. Balm. Strong fragrance; lilac covered flowers.

Lady Mary. A nutmeg-scented Geranium. Cerise flowers.



S. A. Nutt. The Largest and Darkest Red Geranium.

FRENCH or PORCH HYDRANGEAS

For the Porch, Lawn and Garden.

Bouquet Rose. The most popular of all Hydrangeas. Deep rosy-amber, turning to a bright red. Each, 26c.

La France. Large trusses of flowers, fringed delicate rose, produces a wealth of bloom. Each, 30c.

Mme. Mouillere. Very large flowers frequently over 8 inches in diameter; of purest white with rosy-carmine eye. Very fine. Each, 30c.

HARDY CHRYSANTHEMUMS

Year after year, without any care to speak of they will give an unlimited quantity of beautiful blooms. Any variety, 25c each; 3 for 60c; \$2.10 per dozen.

Homestead. The large old-fashioned pink variety.

Miss Frances Collier. New hardy pure white pompon.

Indian. Beautiful soft red blooms.

Alice Howell. Rich shade of orange-yellow; new.

Porch Hydrangea, Bouquet Rose.

AMERICAN WONDER LEMON

Fruit often weighs over three pounds. Excellent for lemonade, pies, etc. Blooms very sweetly scented. Bears fruit at all stages of growth. Can be grown anywhere. 25c each; large plants, 75c and \$1.50 each.

DWARF ORANGE

A true orange, bearing masses of waxy white, fragrant blossoms followed by bright colored, very sweet fruit. Plants bloom and bear fruit when only five or six inches high. Nice plants, 30c each; large plants, 75c and \$1.50 each.



Fragrant Otaite Orange.



Exhibition Chrysanthemum, Chieftain.

EXHIBITION CHRYSANTHEMUMS

25c each; the 5 for \$1.00; 12 for \$2.20. Dolly Dimples. A clear yellow of largest size. Roman Gold. A perfect golden yellow. Ivory. An early white, immense in size. Chieftain. Large rose-pink; globular in shape. Fire Ball. Deep blood red; very large.

REX AND FLOWERING Begonias

King of Rex. Rich metallic foliage in the various colors, blended from bright green, silvery reddish-bronze to shades of bright plum. Mammoth leaves. 40c each; 3 for \$1.10.

Beefsteak Begonia (Feastii). A low spreading Begonia with circular leaves, red beneath, and dark glossy green above, and of heavy texture, the finest Begonia we have for pot culture; flesh pink flowers. 30c each; 3 for 85c.

Caroline Lucerne Begonia. Blooms last from a month to six weeks, borne in immense clusters almost hiding the plants. Color bright coral-red, changing to pink. 30c each; 3 for 80c.

Argentea Guttata Begonia. Purple-bronze leaves, oblong in shape, with silver markings; white flowers. 40c each; 3 for \$1.14.

SPECIAL NO. 16. 6 Choice Begonias, our selection of varieties, 98c.

SPECIAL NO. E-36. 20 Geraniums, double and single, all kinds, \$2.30.

SPECIAL NO. 19. 20 Carnations, Chrysanthemums, Fuchsias, Geraniums, \$2.48.

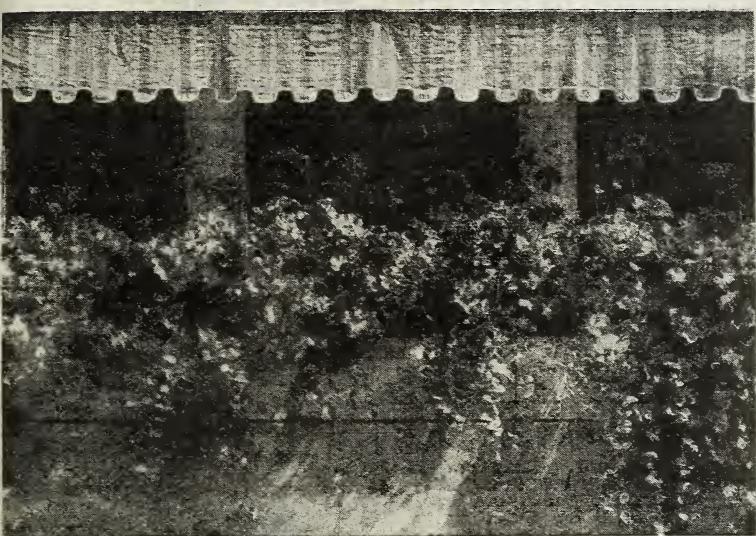
WEEPING LANTANA

A new weeping plant of great beauty. Graceful, drooping habit, grows very rapidly and blooms continually summer and winter, producing large clusters of flowers of lilac or rosy-pink. Easily grown. Strong plants, 22c each; 3 for 63c; \$2.10 per dozen.



Begonia, King of Rex.





The Popular Porch-Box or Window-Box Collection.

STAR BED NO. 1

Star bed 5 feet from point to point. 23 red Coleus for center, 8 yellow Coleus for border. (31 plants in all). Price, \$3.00.

STAR BED NO. 2

Star bed of Coleus 9 feet from point to point, requiring 49 yellow Coleus for border and 50 red Coleus for center, planted as in illustration. (99 plants in all). Price, \$9.45. Can be sent by express only.

CIRCULAR BED NO. 3

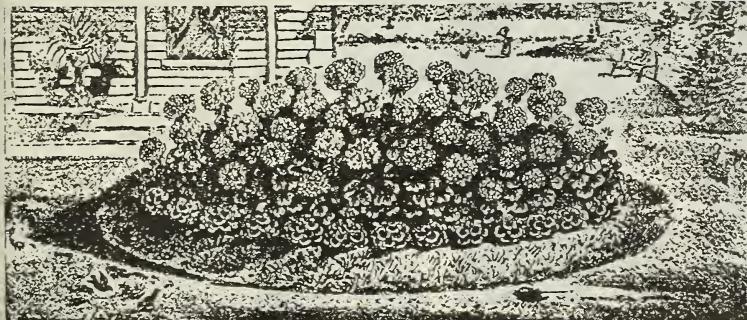
10 dark red Geraniums for center and 9 silver-leaved Geraniums, Mme. Sallerai, for border. (19 plants in all). \$2.30.

CIRCULAR BED NO. 4

15 dark red Geraniums for center and 13 silver-leaved Geraniums for border. (28 plants in all). Price, \$3.02.

TRIANGULAR BED NO. 11

Triangular bed, Geraniums and Dusty Millers, with sides equal to 4 feet in length. 10 Dusty Millers for border, 5 Geraniums for center. (15 plants in all). Price, \$1.65.



Bed of Double Geraniums.

Bargain Collections

E-1. 6 Charming Everblooming Roses, all choice kinds and free bloomers; all different. 85c.
 E-2. 2 Tea Roses, 2 Hardy Roses, 2 Climbing Roses. 85c.
 E-4. 2 Everblooming Roses, 2 Polyantha or Fairy Roses and 2 Climbing Roses. 85c.
 E-5. 6 Prize-winning Chrysanthemums—all different. 85c.
 E-6. 5 beautiful double Geraniums. Choice colors. 85c.
 E-9. 1 Double Geranium, 1 Single Geranium, 1 Fragrant Geranium, 1 Ivy Geranium and 1 Silver-leaved Geranium. 85c.
 E-11. 5 splendid Carnations, beautiful colors and all fragrant. 85c.
 E-12. 5 fine Hibiscus; the very best kinds. 85c.
 E-13. 3 fine Flowering Fennel. For the window. 85c.
 E-14. 6 Vines and plants for a window basket. 85c.
 E-15. 5 Flag Iris; all different colors. 85c.

SPECIAL \$2.30 BARGAIN COLLECTIONS

E-35. 20 Tea and Everblooming Roses. \$2.30.
 E-36. 20 Geraniums; double and single, all kinds. \$2.30.
 E-39. 20 Heliotropes; different shades. \$2.30.
 E-40. 20 Coleus. Will make a beautiful bed. \$2.30.
 E-41. 20 Lantanas, in good variety. \$2.30.
 E-43. 20 Carnations; splendid kinds. \$2.30.
 E-44. 20 Hibiscus; a superb bed of plants. \$2.30.

PORCH BOX COLLECTION NO. 1

12 plants all different, we will select from Salvias, Dracena, Water Ivy, Wandering Jew, Ostrich Fern, Boston Fern, Vincas, Ivy Geraniums, Coleus, Petunias, Begonias, Verbena, Geraniums, Cannas, Asparagus Sprengeri, Russelia, Hibiscus. Price, \$1.50.

PORCH BOX COLLECTION NO. 2

For box 8 inches wide by 6 feet long. 16 plants, our selection, above list. Price, \$2.00.

PORCH BOX COLLECTION NO. 3

For box 8 inches wide by 5 feet long. 30 plants of our own selection from list given in Porch Box Collection No. 1. Price, \$3.33.

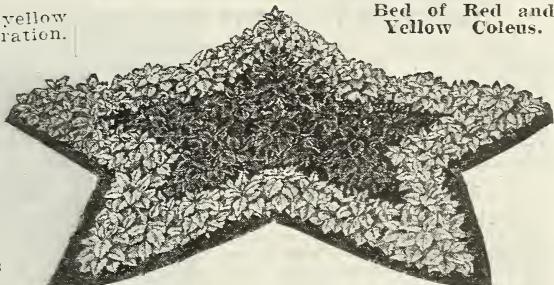
HANGING BASKET COLLECTION NO. 1

A collection of graceful decorative plants, especially suitable for hanging baskets. 1 Boston or Sword Fern, 1 English Ivy, 1 Lantana, 1 Asparagus Springeri, 1 Wandering Jew, 1 Dracena Indica, 1 Double Geranium, 1 Variegated Vinca, 1 Single Petunia, 1 Coleus, 1 Single Geranium, 1 White Daisy. Price, \$1.50.

HANGING BASKET COLLECTION NO. 2

Made up of the choicest varieties for hanging baskets. Will give splendid satisfaction. 1 Boston Fern, 3 Vincas, 2 Water Ivies, 2 Bright Coleus, 2 Petunias, 2 English Ivies, 1 Red Achyranthus, 1 Begonia, 1 Lantana, 3 Geraniums. Price, \$2.25.

Bed of Red and Yellow Coleus.

**TRIANGULAR BED NO. 13**

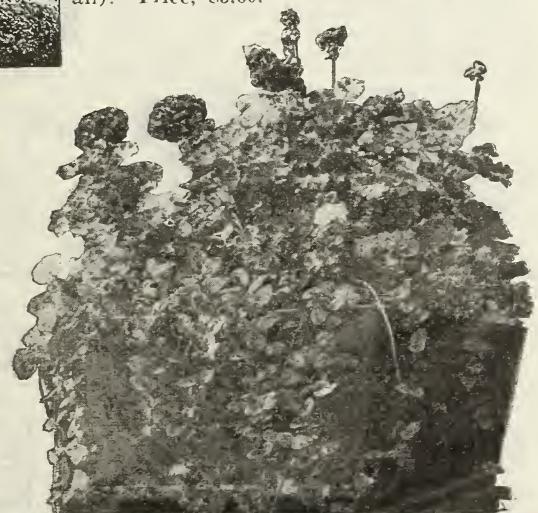
Triangular bed, sides equal 7 feet in length. 21 Dusty Millers for border, 12 Geraniums for center. (33 plants in all). Price, \$3.60.

RECTANGULAR BED NO. 14

Rectangular bed, 2x3 feet. 14 Dusty Millers for border, 6 red or pink Geraniums for center. (20 plants in all). Price, \$2.25.

RECTANGULAR BED NO. 15

Rectangular bed, 3x5 feet. 18 Dusty Miller plants for border, 15 all red or all pink Geraniums for center. (22 plants in all). Price, \$3.60.



Bargain Porch-Box or Window-Box Collection
No. E-8. Red or Pink Geraniums and 6
Trailing Vines. \$1.50.



Caladium—Elephant's Ear.

GIANT LILY OF THE VALLEY

The sweetest and loveliest spring flowering plant. Will thrive in any common soil and do well in shady places where many other plants fail. We offer strong plants, especially suited for outdoor planting. 8c each; 3 for 23c; 75c per dozen.

WATER HYACINTH

Odd, beautiful and valuable plant for easy growth. It forms a lovely rosette of its curious shining green leaves, and throws up spikes of the most exquisite flowers imaginable, resembling in form a spike of Hyacinth bloom, as beautiful as Orchids. 28c each; 3 for 80c.

SUMMER HYACINTH

(*Hyacinthus Candicans*). Its leaves are deep green, fleshy, resembling some of the Yuccas. The flowers are white, in handsome, pendulous bells arranged on pyramidal spikes, often reaching the height of five feet or more in strong plants. 20c each; 3 for 57c.

UMBRELLA PLANT

An ornamental grass throwing up stems about two feet high, surmounted with a whirl of leaves, diverging horizontally. It is of the easiest culture. A large specimen, being as handsome as a Palm for decoration. It will grow luxuriantly in water. 18c each; 3 for 52c.

CINNAMON VINE

The handsome, glossy, heart-shaped leaves and clusters of fragrant white flowers make a window arbor or veranda a perfect bower of beauty. They stand the severest winters. Once planted it will grow a lifetime. 14c each; 3 for 40c.



Popular Tuberous Begonia.

MAMMOTH ELEPHANT EAR (CALADIUM)

(*Elephant's Ear*). Very effective. The growth is very rapid, and the ground must be made rich. Watering in dry season will help develop large leaves. Bulbs can be stored in dry sand in winter and kept from year to year. Must be sent by express at purchaser's expense. Price, nice bulbs, 18c each; 3 for 52c; larger bulbs, 28c each; 3 for 80c; mammoth bulbs, 40c each; 3 for \$1.14.

GOLD BANDED JAPANESE LILY

(*Lilium Auratum*). Ivory white with a distinct central band of bright yellow, marked with deep purple spots. A popular variety. 40c each; 3 for \$1.14.

LARGE-FLOWERING TUBEROSE

Grows about 18 inches high, blooms very early, matures perfectly; flowers pure white, large size, very double and intensely sweet. 10c each; 3 for 28c.

WHITE JAPANESE LILY

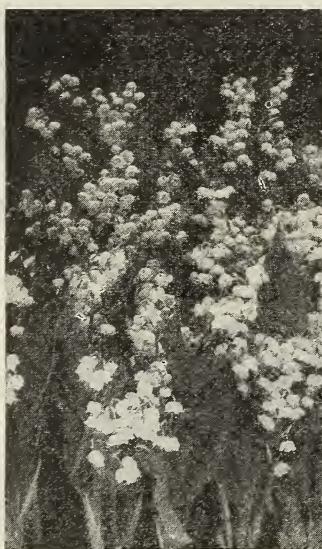
(*Lilium Candidum*). One of the most popular Lilies. Flowers are pure snow-white; very fragrant. 41c each; 3 for \$1.26.

RED JAPANESE LILY

(*Lilium Rubrum*). Large, wide flowers, recurving at the tips. Very fragrant and hardy; lovely rose and white, spotted crimson. 45c each; 3 for \$1.28.

GODFREY CALLA LILY

(Large White Flowering). A wonderful improvement over the old White Calla. The plant is very bushy, having double as many leaves as the old variety, and producing three times as many flowers. Flowers are unusually large, held high, and on stiff stems. 20c each; 3 for 57c.



Giant Lily of the Valley.



Gold Banded Japanese Lily, Auratum.

SPECIAL \$1.50 BARGAINS IN PLANTS

E-16. 12 beautiful Everblooming Roses, all colors and splendid varieties. \$1.50.

E-17. 4 Charming Tea Roses, 4 Hardy Roses and 2 Climbing Roses. This makes an elegant collection for \$1.50.

E-18. 5 Superb Hardy Roses and 5 Fine Hardy Climbing Roses. This will make a fine outdoor garden. \$1.50.

E-24. 12 Chrysanthemums of the new large-flowering kinds, all different and labeled correctly. \$1.50.

E-25. 10 Choice Carnations. Large, double and sweet-scented. \$1.50.

E-26. 5 splendid varieties of Carnations and 5 nice Sweet May or Scotch Pinks. \$1.50.

E-27. 13 Coleus—the best and most distinct varieties of the newer kinds. \$1.50.

MILK AND WINE LILY

A grand summer-blooming bulb, producing throughout the season large Amaryllis-like, white banded, fragrant blossoms. 40c each; 3 for \$1.14.

**HARDY BEGONIA**

(*Evansiana*). This plant is of more than ordinary value; it is a rapid, healthy grower, very profuse bloomer, with beautiful foliage. The plants produce clusters of flowers and buds of a beautiful pink. 30c each; 3 for 85c.

PANSIES

There is no flower more admired than the Pansy. Flowers of giant size, frilled and strikingly colored. Price, nice plants, 50c per dozen.

TUBEROUS BEGONIA

Handsomest of our summer blooming plants flowering throughout the season in any nook or corner in complete shade. Nothing can exceed the brilliancy of their colors, the delicacy of their tints, the richness of their waxy flowers. We offer them in a limited stock, double and single. 34c each; 3 for 97c.

Milk and Wine Lily, Crinum.

BRUNS
HARDY

Shrubs

FOR EVERY
YARD

BRIDAL WREATH (Spirea Van Houttei). Beautiful foliage, and in May and June a fountain of arching snowy-white flowers. Strong plants, 35c each; large plants, 60c and \$1.00 each.

SPIREA BILLIARDII. Grows 3 to 5 feet; flowers in summer. Tall growing, with plume-like spikes of deep rose colored flowers. Strong plants, 35c; large plants, 75c.

HYDRANGEA ARBORESCENS (Hills of Snow). Foliage almost hidden by sprays of snow-white blooms from early June through August. Unexcelled for shady places, but does equally well in open. Strong plants, 25c; large plants, 60c and \$1.00.

HYDRANGEA PANICULATA. Creamy-white flowers, changing to pink, and borne freely in immense panicles. Strong plants, 35c; large plants 60c and \$1.00.

SUMMER BLOOMING LILAC (Butterfly Bush). Flowers from July until frost. The fragrant lilac-colored spikes have a remarkable attraction for butterflies. 20c each; large plants, 75c.

DEUTZIA, PRIDE OF ROCHESTER. Large white flowers. Splendid for planting near the house. Strong plants, 35c; large plants, 60c.

SNOWBALL. Pure white flowers in dense clusters looking like balls of snow. Very attractive. Strong plants, 40c; large plants, 70c.

FORSYTHIA (Golden Bell). The first shrub to bloom in the spring; the pendent golden bells appearing before the leaves. Strong plants, 40c; large plants, 70c.

SWEET-SCENTED SHRUB. The flowers, when fully open, are about the size of a silver dollar, of a mahogany brown color. Strawberry scented. Hardy. Strong plants, 40c; large plants, 60c.

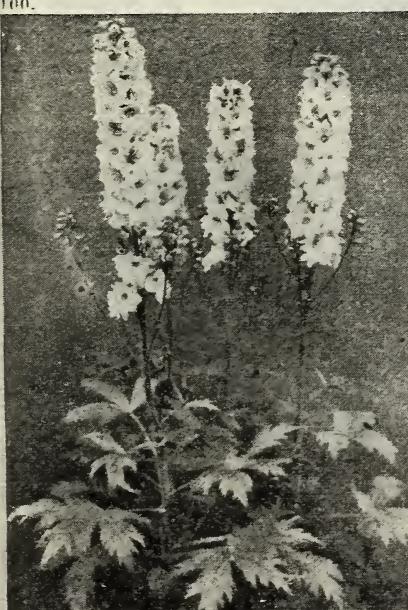
PINK BUSH HONEYSUCKLE. One of the most shapely ornamental plants to be found. Beautiful blossoms in spring followed by bright shiny berries. Does best in sunny location. Strong plants, 40c; large plants, 60c.

HEDGE PLANTS

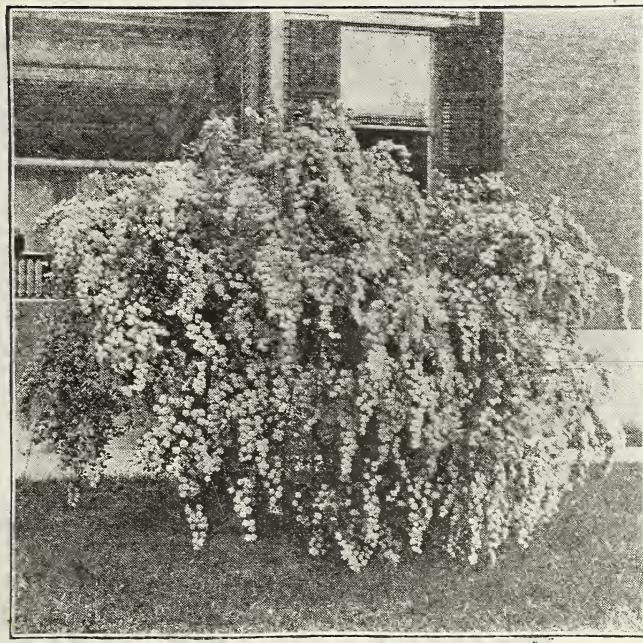
JAPAN BARBERRY. Valuable for hedges or as specimen plants. \$1.43 per dozen; \$9.35 per 100. (25 and 50 at 100 rate). Large specimen plants, 75c, \$1.00 and \$1.50 each.

CALIFORNIA PRIVET. Cheaper than fences, far more beautiful. The most popular ornamental hedge plant. By express, nice plants, \$1.00 per dozen; \$8.00 per 100. (25 and 50 at 100 rate). Hedge plants are set 6 inches apart; viz. a 50 ft. hedge requires 100 plants.

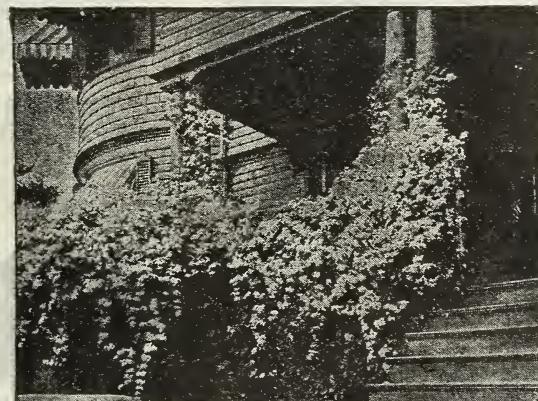
IBOTA PRIVET. Perfectly hardy. Trim as desired. \$1.25 per dozen; \$10.00 per 100. Large, 2-yr. plants, \$20.00 per 100.



Hardy Delphinium.



Bridal Wreath—Spirea Van Houttei.



Clematis Paniculata.

houses, especially the foundation and first story, round the door and windows. Hardy everywhere. 25c each; 6 for \$1.35; heavy plants, 65c.

CLIMBING SWEET PEA. Fast growing, extremely attractive Sweet Pea that will flower year after year, standing our coldest winters. Pink Beauty. Clear pink. White Pearl. Blooms entire season. 40c each; 3 for \$1.10.

PURPLISH-RED CLEMATIS (Coccinea). Large sweet-scented purplish-red flowers borne the summer through. Fast grower. Strong plants, 75c each.

KUDZU VINE. A vine that will grow anywhere in the best or poorest soil. Remarkable and rapid. Fragrant purple flowers. Price, strong plants, 40c each; larger plants, 75c each.

Hardy Perennial Plants

DELPHINIUM (Gold Medal Hybrids). Hardy. Immense spikes of brilliant shades of blue produce striking effects in the flower garden. June until September. 35c each; \$2.88 per dozen.

GIANT HARDY PRIMROSE. Large flowers from purest white, yellow and orange to richest crimson. 25c each.

BABY'S BREATH. Hardy. A mass of pure white flowers. 30c each.

DOUBLE HOLLYHOCKS. Hardy. Straight towering spikes a mass of waxy flowers. Select from colors: White, Maroon, Pink, Red and Yellow. 25c each; 3 for 75c.

DOUBLE GOLDEN GLOW. Hardy. Grows 8 feet high. Exquisite blossoms of brightest golden yellow, as large as Cactus Dahlias. 25c each.

SHASTA DAISY. Hardy. Pure white with gold center; petals very long, center soft and velvety. 20c each.

ACHILLEA (Cemetery Plant). Snow white flowers. Fine for cemetery planting. Hardy. 25c each.

HARDY SALVIA. Welcome addition to any bed or border. Strikingly beautiful blue orchid-like bloom. 30c each; 3 for 85c.

ANEMONES. Hardy summer blooming. Easily grown. Flowers pure white and beautiful silver pink. 35c each.

LUPINUS. Showy plants with velvety leaves and butterfly-like flowers of deep blue, on long spikes. 30c each.

HARDY PLUMBAGO. A desirable border and rock plant, covered with deep blue flowers. 50c each.



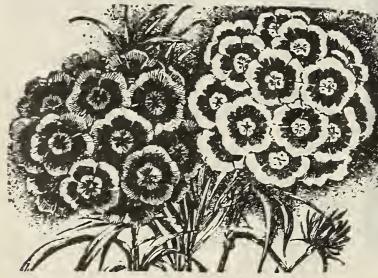
Orchid-flowering Iris, Mme. Chereau.

LEMON LILY

Presents a striking appearance on the lawn or used as a border. Produces a profusion of clear, lemon-colored Lilies. 25c each.

EULALIA

Beautiful hardy grass, of easy cultivation; produces large plumes; grows 5 to 7 feet. Price, 60c each; 3 for \$1.70; large clumps, \$1.00 each.



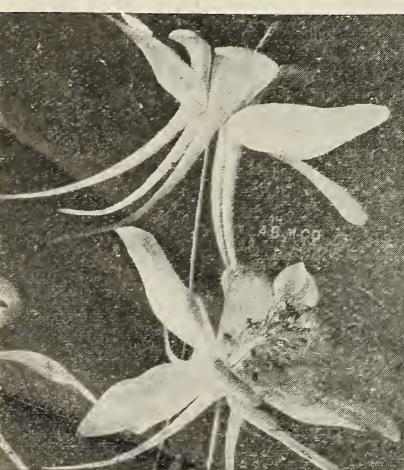
Hardy Sweet William.

SWEET WILLIAM

Hardy. Extremely rich and varied colors. 25c each; 3 for 72c.

AQUILEGIA

Most elegant and beautiful of hardy plants. Blooms late spring and early summer. Effective for cut flowers. Price, 24c each; 3 for 68c.

Columbine—*Aquilegia. Long Spur.*

Canterbury Bells.

**CAMPANULA
(Canterbury Bells)**

Hardy. Blooms from May until September. Cup-shaped flowers. Strong growing. Colors: Blue, Pink, Crimson, and White. 25c each; 3 for 72c.

**HARDY
FORGET-ME-NOT**

Should be placed in a shady, moist location. Flowers beautiful light blue, never out of bloom. Hardy. 24c each; 3 for 68c.

**HARDY SWEET-
SCENTED VIOLETS**

Perfectly hardy. Covered with flowers in early spring and wonderfully sweet scented. 24c each.

PAINTED DAISIES

Flowers are large pure white, ranging through flesh and rose to brilliant carmine and blood red. Easily grown. 30c each.

HARDY GARDEN PHLOX

Flower heads often measure from 7 to 9 inches across, blooming from early summer until frost. They grow vigorously—increasing in size from year to year, and make very attractive plantings along walks or in clusters. Price, any of the following varieties, 35c each; 3 for \$1.00; \$3.60 per dozen.

Elizabeth Campbell. Salmon, changing to pink in center.

Bridesmaid. Pure white, with carmine eye.

R. P. Struthers. Brilliant scarlet-rose.

Von Lassburg. Pure white, extra large flowers.

Coquelicot. The brightest red of all Phlox.

**Hardy Perennial Plants
FLEUR-DE-LIS - FLAG IRIS**

Hardy. Grows 24 to 30 inches. Plant in sunny location. Blooms in May and June. Among the most beautiful of our summer-flowering plants and rival orchids in colorings.

Innocenza. Pure white, delicate flower, bright golden yellow crest. 35c each; 3 for \$1.60.

Her Majesty. Semi-early; bright pink, slight lilac tint; free flowering. 35c each; 3 for \$1.60.

Mrs. Neubronner. Semi-early, deep golden yellow. 50c each; 3 for \$1.43.

Lorely. Lemon yellow and velvety-purple, striped on yellowish-white. 35c each; 3 for \$1.43.

Jacquesiana. Velvety reddish-violet, brightening at base with gold. 40c each; 3 for \$1.14.

Pallida Dalmatica. Beautiful silvery-lavender; large flowers, sweet scented. 35c each.

Leda. White frilled and dotted rose-lilac. 50c each; 3 for \$1.43.

King. Old gold and bronze, slight crimson bordered with gold. 50c each; 3 for \$1.43.

Wyemissing. Deep rose base, shading to flesh-colored border. Exquisite coloring. 75c each.

Mme. Chereau. White, with lavender cast. 20c each; 3 for 51c.

Perfection. Exquisite soft rosy-violet. 50c each; 3 for \$1.43.

Atropurpurea. Royal purple, without slightest shading. 50c each; 3 for \$1.43.

**VERONICA
(Speedwell)**

Handsome, bright blue flowers on long spikes. 30c each; 3 for 85c.

**GAILLARDIA
GRANDIFLORA**

Flowers with center of brownish-red, white petals are shaded into rings of orange, crimson and red. 25c each.



Foxglove.

**FOXGLOVE
(Digitalis)**

Hardy. Thimble-shaped flowers on large spikes. Blooms June and July. 25c each; 3 for 72c.

**ORIENTAL
POPPY**

Enormous large flaming red flowers. Striking. 25c each; 3 for 72c.

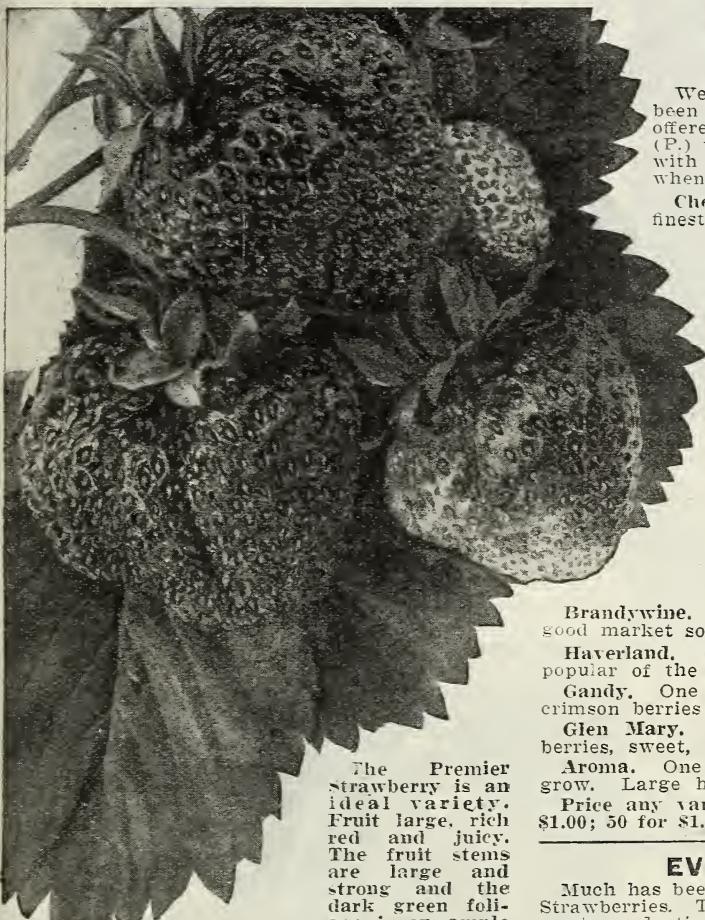


Oriental Poppy.

**CHINESE BELL
FLOWER**
Flowers are very large, bell-shaped, rich brilliant blue and clear white veined dark blue. Hardy. 30c each.



Hardy Phlox, Pantlemon Pink.

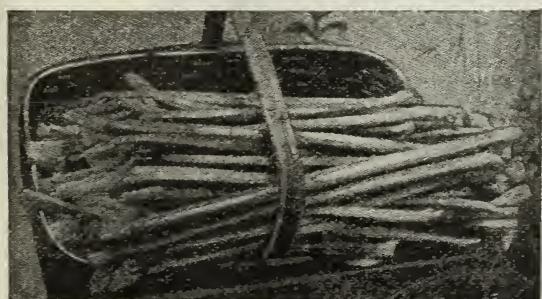


The Premier Strawberry is an ideal variety. Fruit large, rich red and juicy. The fruit stems are large and strong and the dark green foliage is an ample protection for the highest price

blossoms and fruit. Demands in any market.

PROGRESSIVE The most vigorous growing plant of all the fall-bearing strawberries. The Progressive is the favorite of most growers in the South and West, and in some parts of the East. This is also a perfect blooming variety, and a good one both for home garden and for shipping. The berries are uniform in size, rich red in color and a fine flavor. It is a high yielder and will bear the same season planted. To get the best results, as with all the fall-bearers, all bloom should be kept off until August 1st. Plant in good rich soil and keep down weeds. Thoroughly cultivate. Price, good strong plants, 45c per dozen; 25 for 85c; 50 for \$1.60; 100 for \$3.00; 250 for \$7.00; 500 for \$12.50; 1000 for \$22.50.

HORSERADISH Maliner Kren (New Horseradish from Bohemia). An enormous yielder; so early that it can be marketed before the common kind is ready; roots are much larger and whiter; easy to grow. Good roots, 50c per dozen; \$2.75 per 100.



Rhubarb.

RHUBARB, PIEPLANT

Myatt's Linnaeus. Early, very large, productive, tender and delicately flavored. Requires less sugar than other sorts. Plants, 20c each; \$1.65 per dozen.

Queen. Strong grower, extra large stalks of a pink color. Plants, 20c each; \$1.65 per dozen.

STRAWBERRIES

THE GREATEST FRUIT THAT GROWS.

We offer the best all-around varieties which have been tested for quality and quantity of fruit. All sorts offered have bisexual blossoms excepting those marked (P.) which are termed imperfect flowering unless planted with other kinds. Do not wet tops or crowns of plants when received as this will cause them to rot.

Chesapeake. (Late). Enormous plants of the very finest appearance. Highly flavored dark red flesh.

Premier. (P.) (Very early). Enormously productive plants with uniform large, red berries.

Br. Burrill. (Early). Dark berries unexcelled for canning. Very near like Senator Dunlap.

Ford. Vigorous plants with healthy and attractive foliage. Large berries of rich flavor. Dependable.

Big Joe. (Late). A very valuable variety for market. Solid fruit of exceptional size. Delicious.

Kellogg's Prize. (Late). A fine variety. Glossy red fruit. A leader.

Wm. Belt. One of the best varieties. Berries extra large, irregular in shape, inclined to be flattened.

Warfield. (P.) Enormously productive, rich dark colored, fine for canning and preserving, A good companion for Dunlap.

Senator Dunlap. Large, bright red, firm fruit. Flavor unsurpassed. Wonderfully productive.

Brandywine. Valuable late variety; deep red, firm, prolific. A good market sort. Excellent quality.

Haverland. (P.) Fruit large; bright red. One of the most popular of the well-tested varieties.

Gandy. One of the most reliable large, late berries. Bright crimson berries of handsome appearance.

Glen Mary. Vigorous grower and excellent producer. Large berries, sweet, rich, good flavor.

Aroma. One of the most reliable and profitable varieties to grow. Large handsome fruit—bright red in color.

Price any variety: Strong layer plants, 60c per dozen; 25 for \$1.00; 50 for \$1.50; 100 for \$2.00; 1000 for \$17.50.

EVERBEARING STRAWBERRIES

Much has been written in the past few years about Everbearing Strawberries. To accommodate our customers we are growing the most productive varieties and can supply good strong plants. These varieties are very productive and will bear luscious fruit until killed by frost in October. For best results keep all blossoms picked off in spring and do not allow them to bear regular crop in June. Our varieties are the best and most productive for the home garden, and for commercial growers.

SUPERB The plants of the Superb are almost ideal growers. The runners are large, long and produce plants in great abundance. As a fall cropper, it yields fruit only on the parent plant. The berries are a rich blood red from surface to center. As a June cropper it yields enormously on the same plants and it is the strawberry plant that should be grown by every berry grower. It is a rare treat to go to the strawberry patch and gather luscious fruit during the months of September and October. Price, good strong plants, 45c per dozen; 25 for 85c; 50 for \$1.60; 100 for \$3.00; 250 for \$7.00; 500 for \$12.50; 1000 for \$22.50.

CULTURE DIRECTIONS.

Strawberries are not hard to grow and will do pretty well in any good garden soil. If it is warm and sandy and rich, so much the better. In the small garden the plants may be set at 18 inches apart each way, with a path every few rows. On a larger scale in the field, rows should be 3 or 4 feet apart and plants 18 inches apart in the rows. Put on a light covering of leaves or straw in the fall after the ground is frozen, removing same early in the spring. When your plants arrive, place in receptacle so that roots alone are in water. In setting out, take care that the plants are set with crown just at the surface. Place your order early.



ASPARAGUS ROOTS

Columbian Mammoth White. Mammoth size, great yield and superior quality. 50c per dozen; \$3.00 per 100; \$22.50 per 1000.

Donald's Elmira. Produces thick green stalks of the finest quality; the largest and best Asparagus grown. 55c per dozen; \$3.50 per 100; \$25.00 per 1000.

Asparagus—
Mammoth White.

Grape Vines

You have heard about the country going dry and about the poor down-trodden fellows in the West who had been making their living by growing Grapes, who would be compelled to go out of business because they couldn't make a living after the prohibition law was passed and the sympathizers imagined that they could see these Grape growers out in the back yard eating big green worms because they were hungry. I have been trying all the while to get a picture of that condition for our new catalog, but all the Grape growers I have been able to see were wearing diamonds and look well. Well, if you are going to buy Grape vines and set out a vineyard, you might as well buy them from us, because we have all of the good ones, and if there are any not listed in our catalog that you want, send your order along and we can fill it.

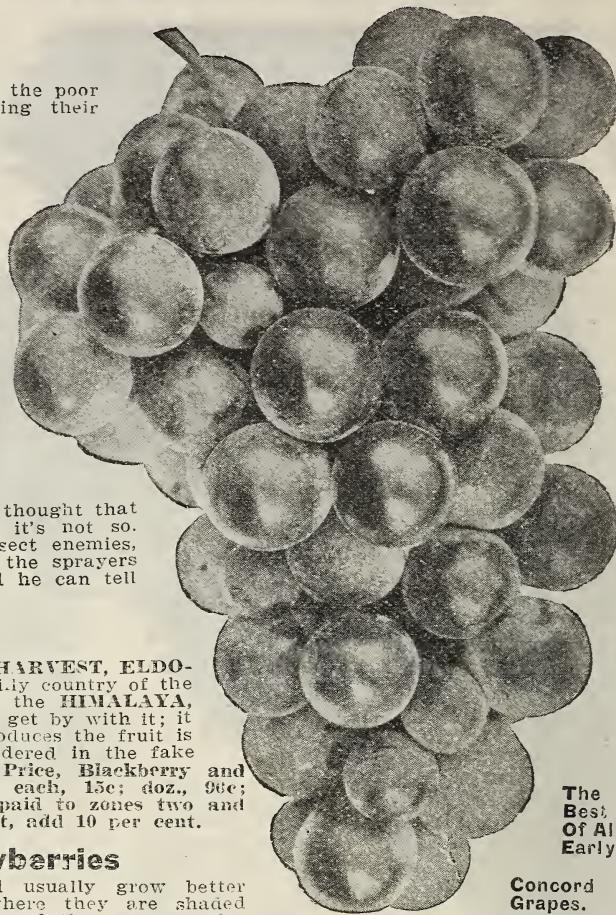
BLACK GRAPES: Concord, Moore's Early, Worden, Campbell's Early. Price, each, 25c; doz., \$2.75, postpaid

RED GRAPES: Brighton, Catawba, Delaware. Price, each, 25c; doz., \$2.75, postpaid.

WHITE GRAPES: Niagara, Pocklington, Elvira. Price, each, 35c; doz., \$3.25, postpaid.

If you live in zone four or beyond, you should add 10 per cent to the purchase price for postage.

We consider these the best in the lot. It was formerly thought that you would have to go to California for White Grapes; it's not so. Grapes are easy to grow, and while they have some insect enemies, a little spraying will fix that all right. You can get all the sprayers and supplies that you want from your local druggist and he can tell you what is best to use and how to use it.

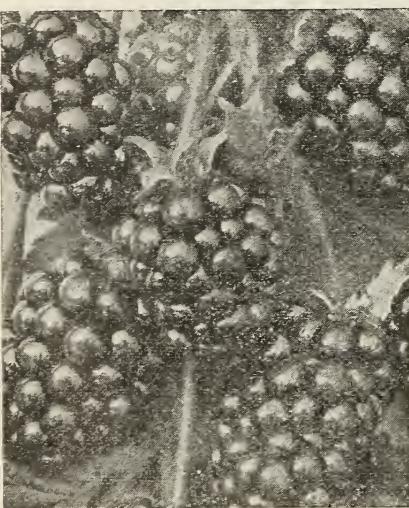


The
Best
Of All
Early.

Concord
Grapes.

Blackberries.

The varieties that I would recommend are the **EARLY HARVEST, ELDORADO, SNYDER**, and if you live in the West or in the hilly country of the South, where there is plenty of moisture, you can grow the **HIMALAYA**, otherwise let it alone. It is a wonderful thing if you can get by with it; it grows vines twenty feet long in one year and when it produces the fruit is simply wonderful, but it winter kills badly and is considered in the fake class by some. Price, Blackberry and Himalaya plants, each, 15c; doz., 96c; 50 for \$4.00, postpaid to zones two and three, beyond that, add 10 per cent.



Blackberries.

Dewberries

Dewberries will usually grow better and do better where they are shaded part of the time, and they seem to desire a hilly, shady, rocky place. The berries are fine flavor, larger and longer than a Blackberry, and if grown where they have a chance to do their best, are very nice indeed. Plants, each, 20c; doz., \$1.50.

Loganberries

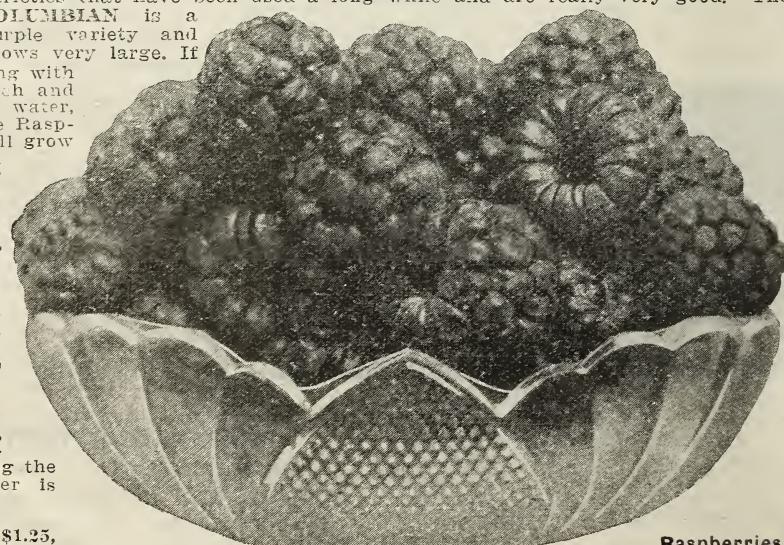
You might want to try some Loganberries. If you are very careful you can grow them. A few hills will produce a lot of wonderfully nice berries, and there is nothing finer in the fruit line, but you will have to protect them. Good, strong, one-year-old plants, 35c each, postpaid.

Strawberry Raspberry

The Strawberry Raspberry really should be in the novelty class. It is a pretty thing, in fact, a very large, handsome fruit, borne on a very symmetrical plant, but not very good to eat. We can supply them, however, at 35c each, postpaid.

Raspberries

In the Black I advise **CUMBERLAND, GREGG** and **KANSAS**. These are varieties that have been used a long while and are really very good. The **COLUMBIAN** is a purple variety and grows very large. If



you have a secluded spot near some building with a southeast exposure, where the soil is rich and fertile, and where you can get plenty of water, plant one or two hills of Columbian purple Raspberries. Arrange a trellis, because they will grow quite high and from two or three good hills you can count on enough berries for several families. They are prolific bearers. Protect them a little during the winter.

CUTHBERT is a red berry and it will not stand the Iowa winters without protection, but if you can get it through the winter, I think I am safe in saying that it is the best quality of all. It is fully equal to the Colorado Reds in every way, but not quite as large. Under favorable conditions, you can grow it and it will produce during a long season, but it's tender and will not stand hard winters. I think what I have said in regard to the Cuthbert will apply to the **ST. REGIS EVERBEARING**, but if conditions are made decidedly favorable, the St. Regis will bear well during the entire summer, except when the weather is extremely hot and dry in midsummer.

Price, all Raspberries, each, 15c; doz., \$1.25, postpaid.

Raspberries.
Cumberland

Come Over and Play With the Pups—

That's what Alfred says; Alfred is a brother to Mr. A. R. Bruns, and is vice president of our Company, and has charge of our Davenport store.

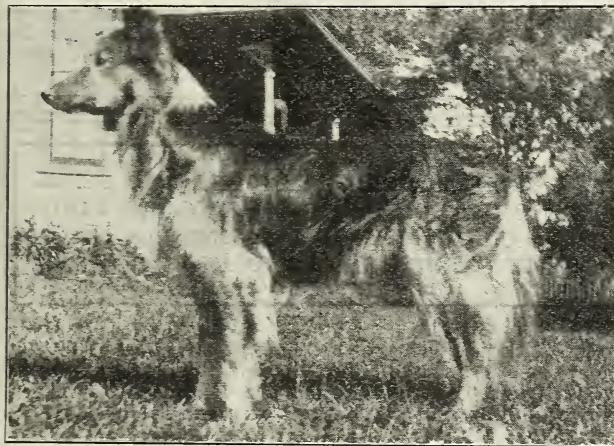
Our customers of Davenport, Rock Island and Moline are great folks for pets, and so Alfred has made a study of the best kinds of Birds, all kinds of Dogs, Cats, Monkeys, etc. He also has a full line of cages, foods and supplies for pets.

All orders for pet stock, fish and supplies, should be sent to the Bruns' Seed Company, Washington, Iowa.

DOGS.

We usually have on hand, or can procure on short notice, puppies of all principal breeds. Our dogs come from some of the best kennels and dog raisers in the country. We handle several hundred dogs each year, and have satisfied many customers. If you want a good dog at a moderate price, send us your order. If we can't fill it at once, we will let you know, and if you desire we will keep your order on file, and fill it as soon as possible. Specify whether you want a pedigreed dog, or just a good thoroughbred dog without a pedigree. The pedigreed ones usually come higher. We handle mostly puppies, ranging in age from seven weeks to three months.

FOX TERRIER. Very intelligent and active. A good play-fellow; good companion for children. Ours are usually the small type. Price, \$8.00 to \$15.00.



COLLIE. One of the best and most popular of the large breeds. Long, shaggy hair. An exceptionally good farm dog. Markings usually brown, with white collar and flash up forehead. Intelligent. Price, \$10.00 to \$20.00.

SHEPHERD. The best cattle dog to be had. A Shepherd or Collie should be on every farm. \$10.00 to \$20.00.

POODLE. Very popular house dog. Small in size, sometimes weighing only six or seven pounds when matured. Curly hair, all white. Very friendly and affectionate. Price, \$8.00 to \$12.50.

SPITZ. Of medium size. Long, straight, white hair; pointed muzzle. Cross disposition toward strangers. Good watch dog. \$8.00 to \$12.50.

AIREDALE. An all-purpose dog. Large in size, often weighing over fifty pounds. Black and tan markings; very popular in last few years. Usually furnished with pedigree. Price, \$12.50 to \$25.00.

Other breeds, such as Boston Bulls, German Police Dogs, St. Bernards, hunting dogs, etc., are usually scarce and higher priced, running from \$25.00 to \$100.00. However, let us know your wants, and we can likely supply you.

Remember, we handle no cross-breeds. All our dogs are thoroughbreds, and many are eligible to register.



Your Child's Best Companion.

KITTENS.

Angoras	\$10.00 and up
Persians	10.00 and up

MONKEYS.

Rhesus	\$25.00 and up
Ringtail	25.00 and up
Marmozette	12.50 and up

FERRETS.

These we have on hand from October 15 until January 1. Nothing better for hunting rabbits and other game. Also good for ridding the place of rats and mice. Prices usually run from \$5.00 to \$6.00 for young tame ferrets. Write for price or send in your order, and we'll give you the right price.

SEEDS, FOODS, REMEDIES, ETC.

Parrot Seed	per lb., \$0.15
Song Restorer	per pkt., .15
Moulting Food	" .20
Bird Manna	" .15
Canary Highball	" .15
Bird Gravel	" .15
Bird Tonic	" .25
Mite Powder	" .25
Cuttlebone	Large, 10c " .05
Fish Food	" .15
Aquarium Shells	" .10

Be Sure to Allow for Postage.



Persian Kitten.

CANARIES "THAT SING"

SINGING BIRDS.

We make a specialty of high grade Singing Canaries, both domestic and imported. We have placed choice songsters in hundreds of homes, to the entire satisfaction of the purchasers. Every male bird is positively guaranteed to sing. If he fails to do so, we will exchange for another, providing he is returned in good health within six weeks from the date of purchase. Prices below are approximate, and may be somewhat higher or lower at the time we receive your order.

ST. ANDREASBURG ROLLERS.

Imported Males, guaranteed to sing.....	\$10.00
Domestic Males, guaranteed to sing.....	10.00
Imported Females, selected for mating.....	3.00
Domestic Females, from choice stock.....	2.00

HARTZ MOUNTAINS.

Imported Males, guaranteed to sing.....	\$8.50
Domestic Males, guaranteed to sing.....	8.50
Imported Females, selected for mating.....	3.00
Domestic Females, from choice stock.....	2.00

TALKING PARROTS.

In buying a parrot insist on getting a hand-raised bird. Trapped parrots are always wild and never learn to talk. We will have on hand young, hand-raised Mexican Parrots about June 1st. They will be about six months old, usually commencing to talk, and will learn rapidly with a little training.

YOUNG HAND-RAISED MEXICAN DOUBLE YELLOW HEADS. The finest of all talking parrots. Price during June, July, August and September, \$15.00.

The above are all young parrots, just ready to talk. Older ones talking. Some may be had any time during the year, at \$25.00 to \$50.00.

PARROTS "THAT TALK"

BLUE-HEADED AMAZON PARROT. A good talker, very beautiful. Price, \$20.00 to \$25.00.

MISCELLANEOUS BIRDS.

Green Shell Parrakeets (Lovebirds) very ornamental, per pair.....	\$7.50
Strawberry Finches, per pair	5.00
Zebra Finches, per pair	6.00
Sulphur Crested Cockatoos, each.....	20.00
Rose Breasted Cockatoos, each	12.50

GOLDFISH.

Common Goldfish, according to size, 10c to 50c each.	
Comets (Long Tails) according to size, 25c to 75c each.	
Japanese Fantails, 50c to \$1.00 each.	
Japanese Telescopes, \$1.00 to \$2.00 each.	
Japanese Singletails, 50c to 75c each.	
Aquatic Plants, for the aquarium, 15c per bunch.	
Add 25c to each order for shipping pail.	

CAGES, FISH GLOBES, SUNDRIES.

We carry a complete line of Bird Cages in all sizes and styles. Owing to limited space, however, it is impossible to list them here. Let us know what you want and we will quote you.

FISH BOWLS. $\frac{1}{2}$ gal., 35c; 1 gal., 70c; 2 gal., \$1.10; 3 gal., \$2.00; 6 gal., \$4.00.

Bird Cage Cups	\$0.15
Bird Bath Dishes .....	.20
Bird Cage Springs, double, solid brass.....	.40
Cage Brackets .....	.25

All Live Stock will be shipped by Express, Collect, at Buyer's risk. On items to go by mail, allow for Postage at the rate of 5 cents for each 50 cents worth of Merchandise.



THE MOST MODERN, EFFICIENT AND SCIENTIFIC METHOD OF FERTILIZING ALL KINDS AND CONDITIONS OF GROWING PLANTS, IN HOME GARDEN, ORCHARD AND ON FARMS.

Stim-U-Plant

—is a 26-grain tablet with a guaranteed chemical analysis of 11% Nitrogen, 12% Phosphoric Acid and 15% Potash. No other plant food contains anything like as high an analysis as this. Stim-U-plant Tablets are composed of water soluble materials of great feeding power and of known weight and percentage of plant food.

Stim-U-Plant

Tablets are designed for use by all who grow plants—home gardeners, market gardeners, fruit growers, florists and farmers. Their most valuable use is in feeding growing plants. Being composed of water soluble materials of great feeding power, and of known weight and percentage of plant food, Stim-U-plant Tablets can be used directly to the soil at the base of the plants, to feed them definite amounts of available food. Once in the soil they immediately dissolve and mingle with the soil water, pass into the root-hairs and roots, to begin feeding the plants. No matter how fertile the soil may be, Stim-U-plant is effective in feeding the crops, because of its rich, available food content. After giving Stim-U-plant Tablets a trial, use them in all your plantings.

Stim-U-Plant Tablets should be used directly at the base of the plants, or dissolved in water and applied to the soil. Do not spray on the foliage. No matter how rich the soil may be, these wonderful little tablets will help the plants along.

Stim-U-Plant Tablets packed in four sizes:

Trial size, containing 10 Tablets.....	\$0.15
Small size, containing 30 Tablets.....	.25
Medium size, containing 100 Tablets.....	.75
Large size, containing 1,000 Tablets.....	3.50

Price—Postpaid

A Last Word

For a good long while I've been thinking about you—writing the catalog so it would suit you, and help you if possible, and you had no chance to talk back. Now you have the chance. I'm through with my talk; from now on I'll turn my attention to filling your orders.

But whether you order or not, I wish you would tell me what you think of the catalog. Write us a personal letter. You will get a reply from Eldridge, too. Tell us if there is anything not listed in our catalog that you would like to buy from us. If you have bought from us before, and have found the goods satisfactory, tell us about it; if not satisfactory, tell us about that, too.

How do you like the order blank. Would you rather have it stuck in? Can we help you in any way?

Pass your catalog on to a neighbor or friend. You'll do him a favor, and at the same time do us a favor, too. I'd do as much for you, and I'll send you another one right away, so you won't miss out.

ELDRIDGE.

ORDER SHEET

Brun's Seed Company, INC.
Washington, Iowa.

DATE _____

NAME _____

Do Not Write in This Space

Prices:—If you do not have our latest price sheet and our prices have been changed shall we send exact amount ordered and adjust price later?..... or shall we send exactly the amount for money sent?..... If we are out of any variety ordered, do we have your permission to substitute equal or better varieties in the nearest we can supply?.....

POST OFFICE _____

ST. & NO. _____
P. O. BOX _____
R. F. D. _____ STATE _____

**SHIPPING
STATION** _____ **COUNTY** _____
(If Different From Postoffice)

(If Different From Postoffice)

Amount	Enclosed
P. O. Order	\$.....
Ex. Order	\$.....
Check	\$.....
Draft	\$.....
Stamps	\$.....
Total	\$.....

Shall We Send
This Order By
Express _____
Freight _____
Parcel Post _____

Notice:—In common with other responsible seed houses, we sell our goods subject to the following terms, being those adopted by the American Seed Trade Association.

We give no warranty, express or implied, as to description, quality, productiveness or any other matter of any seeds, bulbs or plants we send out, and we will not be responsible in any way for the crop produced therefrom. If the purchaser does not accept the goods on these terms, they are at once to be returned and the money that has been paid for same will be refunded.

SPECIAL QUOTATIONS. Prices on field seeds change. Catalog prices may be incorrect by the time you receive this book. If there is anything you want in large quantities, if you want information or special attention, be sure and write. My services are at your service.

YOUR NEIGHBORS—Undoubtedly there are several of your neighbors who are in the market each year for good pure seeds and would like to receive a copy of our catalog. Below are spaces for the names and we will greatly appreciate it if you will kindly fill in several whom you know are interested in good seeds.

NAME

ADDRESS

BRUNS NEW EVERBEARING SURPRISE STRAWBERRIES



Everbearing Strawberries

Big, delicious, red berries fresh from your own garden for early spring until late in the fall. As easy as ordinary varieties to grow and produce. Bearing 850 berries, these berries are a special high-yielding strain of the genuine Progressive Everbearing variety. Every garden should have at least one plant of this fine strawberry. Set them out and in a few weeks you will be harvesting sweet berries in large quantities. A single plant with ordinary care should produce a quart or more in one season. They blossom and fruit continuously until frost.

All plants are carefully packed for shipment and only the best specimens are selected. Order early. Price, postpaid: **75c per doz.; \$2.50 per 100.**

Notice. Shipments of plants are made as early as weather permits. Orders for seed received along with plant orders are sent out immediately. All plants go as a separate shipment. We guarantee safe arrival.

Bruns Select Gladioli

SIX OF THE BEST GLADIOLI

	Each Doz.	50
No. 1 Peace	10c	\$1.00
No. 2 Princeps	10c	80c
No. 2 Mrs. French King	8c	75c
No. 3 J. D. Holt	12c	1.25
No. 4 America	10c	90c
No. 6 Schwab	12c	1.25

Finest Leading Sorts

BRUNS "Gilt Edge" Gladiolus Mixture

A splendid mixture of the finest named varieties, many kinds that we do not grow enough of to list separately. In this collection you get an assortment that would cost you considerably more if bought separately. They are the large flowering kind and a collection of the richest coloring known among gladioli. At these low prices you can purchase a quantity of choice bulbs for very little money. Bruns "Gilt Edge" Gladiolus Mixture.

Price: **60c per dozen; 30 for \$1.25; 100 for \$3.85.**

Above price postpaid anywhere in
U. S. A.



Bruns Giant Nasturtiums

DWARF BRILLIANT BEAUTIES. A great collection of colors wonderfully brilliant. Plants grow about twelve inches high. Flowers are of enormous size. All colors mixed. Large packet, 5c; 3 pks., 12c; 6 pks., 20c; oz., 15c; 1/4 lb., 45c.

GIANT CLIMBING BEAUTIES. A wonderful mixture of color and variation in foliage. Blossoms are simply enormous in size. Mixed colors. Large packet, 5c; 3 pks., 12c; 6 pks., 20c; oz., 15c; 1/4 lb., 45c.



Bruns Famous Giant Asters

These are the most beautiful and perfect Asters ever offered. To produce this special mixture of our famous Giant Asters we have taken the greatest possible care in selecting the best of the many varieties of large-flowered Asters and to grow them you will know and appreciate their wonderful size and beauty. Mixed colors. Pkt., (100 seeds) 5c; 3 pks., 12c; 6 pks., 20c.

Bruns "Twelve Tribes"

EARLY AND LARGE FLOWERING
FINEST SELECTION SPENCER SWEET PEAS
TWELVE COLORS ALL IN ONE MIXTURE

Produce the shades and colors of white, cream, primrose, salmon, carmine, cerise, light and deep pink, rose in various shades, orange, yellow and many dark blue, crimson, purple, various shades and many other color combinations difficult to describe. Full culture description see plainly printed on the large packet which contains the seed we send you. Don't Miss This Chance - It Gives You the Very Best at a Low Price.

Price: Pkt., (160 seeds) 10c; 3 pks., 25c; 6 pks., 40c; oz., 35c; 1/4 lb., \$1.00, postpaid to any address.

BRUNS SEED COMPANY-WASHINGTON, IOWA.